

### STIC Search Report Biotech-Chem Library

### STIC Database Tracking Number

TO: Louis V Wollenberger Location: rem/3B61/2C18

Art Unit: 1635

Wednesday, October 12, 2005

Case Serial Number: 10/698311

From: Paul Schulwitz

Location: Biotech-Chem Library

**REM-1A65** 

Phone: 571-272-2527

Paul.schulwitz@uspto.gov

### Search Notes

Examiner Wollenberger,

Please review the attached search results.

If you have any questions or if you would like to refine the search query, please feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz

Technical Information Specialist

REM-1A65

571-272-2527



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### STIC-Biotech/ChemLib

167580

From: Wollenberger, Louis V.

Monday, October 03, 2005 2:04 PM

STIC-Biotech/ChemLib

Sequence search request (Patent Application No. 10/698311

October 3, 2005

Re: Application No. 10/698311

Hi

Sent:

Subject:

To:

Please carry out the following sequence search in the above identified application:

1. A score over length search of SEQ ID NO:311, looking for oligonucleotides 18-24 nucleotides in length that are at least 80% identical to the target sequence in SEQ ID NO:311.

Thanks.

Louis Wollenberger Examiner, Art Unit 1635 REM-3B-61, Mailbox 2C-18 x2-8144

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### Post-processing: Minimum Match Maximum Match Listing first Minimum DB seq length: 18 Maximum DB seq length: 24 number of hits satisfying chosen parameters: d. No. is the number of results predicted by chance to have a re greater than or equal to the socre of the result being printed, re greatived by analysis of the total score distribution. nucleic search, using sw model us-10-698-311a-311 1543 October 12, 17 segs, 346 residues Gapop 10.0 , IDENTITY\_NUC 1 ggagtggccattcgacgaca..... Query Match Length Copyright rgedb: \* 222444 2005, 14:15:39 GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd Gapext 0.5 100# AR274094 AR274095 AR274101 CQ763829 CQ763842 CQ763842 AR087071 AR274103 AR274098 AX383946 AX670638 AX383908 CQ763724 AR294347 AX383946 AX012429 CQ763829 CQ763842 AX838097 E51022 AR274103 AR274103 AR274098 AX670638 AR349888 AX012429 AR274095 AR294347 AR274094 E51022 X383908 **gummaries** SUMMARIES ; Search time 0.001 Seconds (without alignments) 1067.756 Million cell updates/sec ataaataatattcgaccatg 1543. ¥ ACCESSION: AX012429 ACCESSION: AR274095 ACCESSION: AR274101 ACCESSION: AR274103 ACCESSION: AX838097 ACCESSION: E51022 ACCESSION: AR349888 ACCESSION: AX012429 ACCESSION: CQ763829 ACCESSION: CQ763842 ACCESSION: AR087071 ACCESSION: AR294347 ACCESSION: AX383946 ACCESSION: AX383908 ACCESSION: E51022 ACCESSION: AR349888 ACCESSION: AX670638 ACCESSION: AX383908 ACCESSION: CQ763724 Description ACCESSION: AR274098 ACCESSION: AX383946 ACCESSION: AR274101 ACCESSION: AR274095 ACCESSION: AR274103 ACCESSION: AR294347 ACCESSION: AR274094 ACCESSION: CQ763724 ACCESSION: CQ763842 ACCESSION: CQ763829 ACCESSION: AR08707: RESULT 1 AR274094 LOCUS RESULT 2 AR274095/c LOCUS REFERENCE AUTHORS TITLE JOURNAL ş REFERENCE VERSION ACCESSION DEFINITION 믕 FEATURES SOURCE KEYWORDS VERSION ACCESSION DEFINITION TITLE JOURNAL ACCESSION VERSION KEYWORDS SOURCE 밁 S PEATURES SOURCE RESULT 3 AR274101/c ORGANISM DEFINITION rocus Query Match Best Local Similarity REFERENCE Query Match Best Local Similarity Matches 24; Conserv ORGANISM Matches 3 ORGANISM BOUTCE 7.8 526 ANGTOCTCAGTTCCAATGTGCCCA 549 13 i (bases 1 to 24) i (bases 1 to 24) Yan Dar Putten, P.H.M. Yan par Patten, P.H.M. Transgentic animal model for neurodegenerative disorders Patent: US 6504080-A 1 07-JUN-2003; Patent: Location/Qualifiers Sequence 1 from patent v AR274094 AR274094.1 GI:29706069 , Unclassified Unknown Unknown AR274095 Sequence 2 from patent US AR274095 AR274095.1 GI:29706070 Transgenic animal model for neurodegenerative disorders patent: US 6504080-A 2 07-JAN-2003; Location/Qualifiers Unknown Unclassified. Unknown CGACGACAGTGTGGTGTAAAGGAA 36 Unclassified. 1 (bases 1 to 24) Unknown AR274101.1 Sequence 8 AR274101 CGACGACAGTGTGGTGTAAAGGAA (bases 1 to 24) 0.5 Conservative Conservative ( /mol\_type="genomic DNA" /organism="unknown" /organism="unknown" /mol\_type="genomic DNA" from patent US 1.6%; Score 24; 100.0%; Pred. No vative 0; Mismat 24 bp from patent US 6504080 18 GI:29706076 1.6%; Score 24; 00.0%; Pred. No. ,, AX838097 0; Mismatches Pred. No. Mismatches ALIGNMENTS 6504080 24 bp 6504080. ž DB 1; DB 1; DNA DNA DNA 0 0, Length 24; Length 24; linear Indels Indels linear linear ACCESSION: AX838097 PAT 10-APR-2003 PAT 10-APR-2003 0 PAT 10-APR-2003 ٥

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GI:19577517

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linear

PAT 19-MAR-2002

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Yan Der Putten, P. H. M.
Transgenic animal model for neurodegenerative disorders
Patent: US 6504080-A S 07-JAN-2003;
Location/Qualifiers
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AR274098
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Van Der Patten, P.H.M.

Van Der Patten, P.H.M.

Transpenic aniaml model for neurodegenerative disorders

Patenti US 6504080-A 10 07-AN-2003;
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Yan Der Putten, P. H. M.
Transgenic animal model for neurodegenerative disorders
Patent: US 6504050-A B 07-JAN-2003;
Location/Qualifiers
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Patent: WO 02054083-A 2 11-JUL-2002;
Ortho-MCNeil Pharmaceutical Inc. (US)
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AX670638
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Conservative

1.3%; Score 20; DB 1; 100.0%; Pred. No. 3.4;

Length 20

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0; Mismatches

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ORGANISM
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                        Escherichia coli
Escherichia coli
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Sequence 11 from Patent
AX383908
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Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
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Location/Qualifiers

GI:29292043

DNA

linear

PAT 26-MAR-2003

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Patent: WO 0214546-A 11 21-FEB-2002;
Pritzsche, Markus (CH)
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CQ763829
CQ763829.1 GI:44907065
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Patent: WO 2004003201-A 2447 08-JAN-2004; 
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Baker, B. and Cowsert, L.M.
Antisense modulation of Sentrin expression
Patent: US 5985664-A 21 16-NOV-1999;
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/mol_type="unassigned
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/note="Human LRH1 antisense"
Pred. No. 7.3;
0; Mismatches
                  Score 16.4;
                    DB 1;
                    Length 20;
   Indels
   0
     Gaps
     0
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synthetic construct other sequences; artificial sequences

Pharmacia Corporation (US) Location/Qualifiers Antisense modulation of 1rh1 Patent: WO 2004003201-A 2460 expression 08-JAN-2004;

/organism="synthetic construct" |mol\_type="unassigned DNA" |mol\_type="taxon:32630" |db\_xref="taxon:32630" |note="Human LRH1 antisense"

Similarity 94.4%; Pred. No. 7.3; Mismatches .. Length 20; Indels 0 Gaps

US 5985664. 8 DN PAT 07-SEP-2000

GITTCITGAGATCIGCIG 505 1.0%; Score 14.8; DB 1; Length 18; 88.9%; Pred. No. 11; o; Pred. No. 11; 0; Mismatches DNA Ņ Indels Gaps

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DNA

linear

PAT 12-JUN-2003

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Search completed: October 12, 2005, 14:15:39 Job time: 0.001 secs
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Best Local Similarity 88.9%, Pred. No. 1;
Matches 16; Conservative 0; Mismatches 2; Indels
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Buteni: US 537781.4. 602 23-086-2007;

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Patent: EP 1347046-A 5221 24-SEP-2003;
Research Association for Biotechnology (JP)
Location/Qualifiers
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Sequence 5221 from Patent EP1347046.
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AR294347.1 GI:31681631
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                                                                                                                                                                                                           /note="Description of Artificial Sequence: an artificially synthesized primer se q^*
                                                                                                                                                                                                                                               /mol_type="unassigned DNA"
/db_xref="taxon:32644"
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		) ) ) (4	12.6	0.8	219	AAX52736 ADJ17910	Human genome biall Antisense DNA olig
	GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	c 36	==	0.7	22	ADJ17897	Human alpha synucl
		3 38	10 11	7	24	ABX93991	Human alpha-symucl
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	2.024 Million cell updates/sec	c c		. 6 6	200	1 AAD31945	Human alpha synucl Escherichia coli a
Title:	us-10-698-311a-311	0 46	94	. 6 0	20	1 AAX04873	Primer #13R. Synt Human Her-3 mRNA i
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		56		.6	24	1 ABX94000	Human G-alpha-i3 a
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Van (NOVS ) NOVARTIS AG 15-OCT-1999; 99GB-00024513 13-OCT-2000; 2000US-00687731. 07-JAN-2003. US6504080-B1. Homo sapiens.

WPI, 2003-370503/35 Der Putten PHM;

Transgenic mouse useful for testing potential therapeutic agents

for

Transpatic, alpha-symuciatin transpass, alpha-symuciatopathy, maroom tissue specific respandory respundory publishopy, transpass tissue specific respandory respundory publishops, accurate alpha-symucian deteribution percent alpha-symucian deteribution percent alpha-symucian deteribution percent accords, alpha-symucian software accords, alpha-symucian accords, alpha-symucian percent according to the according to the

Human alpha-synuclein PCR primer #2.

10-JUN-2003 ABX93992;

(first entry)

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alpha-wymoutant distribution pathology appropriate and appropriation;
accor deficit; neurodepenentite discretable symuthation of discretable appropriate and appropriate and appropriate 
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                                                                                                                                                                                                                                                                                                                                                                                                    Human synuclein specific reverse primer.
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US6504080-B1

alpha-symuclein;

PCR; primer; 88

ABX93998 standard; DNA; 24 BP

(first entry)

Local

24; Similarity

Conservative

o;

100.0%;

Score 24; DB 1; Length 24; Pred. No. 1.9; Mismatches

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13 CGACGACAGTGTGGTGTAAAGGAA 36

CGACGACAGTGTGGTGTAAAGGAA 24

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            phenotype
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24 BP; 8 A; 3 C; 9 G; 4 T; 0 U; 0 Other;
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An the invention describes a transpatic means (I) with genome computing an appearance of the computer of the c
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     2222XXXXX
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07-JAN-2003.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 24
Transgenic; alpha-symuclein transgene; alpha-symucleinopathy; nervous tissus specific regulatory sequence; Levy pethology; nelpha-symuclein distribution pattern; alpha-symuclein distribution pattern; alpha-symuclein distribution pattern; alpha-symuclein distribution pattern; arthinson's disease; motor deficit; neurodegenerative disorder; parkinson's disease;
                                                                                                                         Mouse alpha-symuclein PCR primer #2.
                                                                                                                                                                                 10-JUN-2003
                                                                                                                                                                                                                                                                            ABX94000 standard; DNA; 24 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                         526 AMGTGCTCAGTTCCAATGTGCCCA 549
                                                                                                                                                                                                                                                                                                                                                                                                      24 AAGTGCTCAGTTCCAATGTGCCCA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         in transgenic mice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BP; 6 A; 5 C; 7 G; 6 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                 (first entry
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Pred. No. 1.9;
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dementia with Lewy body, DLB, Lawy body variant of Alzheimer's disease; LawyD, multiple system atropby, MSA, costrogen, costrogen modulator; mouse; alpha-symutathin PGC, primer; st.

US6504080-B1 ds snw

X8X222

13-OCT-2000; 2000US-00687731 07-JAN-2003.

15-OCT-1999; 99GB-00024513

(NOVS ) NOVARTIS AG

Van Der Putten PHM;

Transgenic mouse useful for resting potential therapeutic agents for treatment of neurodegenerative disorder, has alpha-synuclein transgene treatment of neurodeshat transgene whose expression results in mouse exhibiting alpha-synucleinopathy WPI, 2003-370503/35

phenotype

Example 3; Col 15-16; 18pp; English

The invention describes a transport content (1) with protes comprising an expension comprising an expension times specific respitatory acquired to the content of the conte

alpha-synuclein transgene

Sequence 24 BP; 6 A; 5 C; 7 G; 6 T; 0 U; 0 Other

Matches Query Match Best Local Similarity 24; Conservative 1.6%; Score 24; DB 1; Length 24; 100.0%; Pred. No. 1.9; tive 0; Mismatches 0; Indels 0

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RESULT 5 ABX93995 standard; DNA; 23 BP

(first entry)

10-JUN-2003 ABX93995

Human alpha-synuclein PCR primer #3

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alpha sympatisin transgers compilaring a marrow of the sympatisin processor of the sympatisin transgers compilaring a marrow of the sympatisin processor of the transgers results in a transgering periodic polymetrical, where operations of the transgers results in a transgering periodic polymetrical processor of the transgers results of the sympatisin of
                                                                                                                                                                                                                                                                   Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example 1; Col 13-14; 18pp; English
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hervour tieme specific regulatory sequence; away pathology, 
abpha-symmatein distribution pattern; alpha-symmatein aggregation; 
secur deficit; manufespenteritis disorder; particularior disease; 
contribution and body. Dall lewy body variant of Albhamer; disease, 
involuminish and body. Dall lewy body variant of Albhamer; disease, 
involuminish and body. The contribution of the c
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                                                                                                                                                                                                                                                                   Local Similarity
437 GAAGGGTATCAAGACTACGAACC 459
                                                                                                                                                                                                                                                                                                                                                                                                                                               BP; 9 A, 5 C, 6 G, 3 T, 0 U; 0 Other;
                                                                                                                                                                                           Conservative
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                                                                                                                                                              100.01,
                                                                                                                                                                                                                                      Score 23; DB 1; Length 23;
Pred. No. 2.5;
                                                                                                                                                                            Mismatches
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JP2003199460-A
                                                                                                                                                                                                           Human alpha synuclein protein related PCR primer SegIDS
                                                                                                                                                                                                                                                                                                                                       ADF86338;
                                                                                                                                                                                                                                                                                                                                                                                    ADF86338 standard; DNA, 21 BP
                                                  Homo sapiens.
                                                                                                     transgenic mouse model; Parkinson's disesse; Lewy body, dopamine level
brain; action abnormality; alpha symuclein protein; antiparkinsonian;
human; PCR; primer; ss.
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                                                                                                                                                                                                                                                                         (first entry)
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\*8\*\*\*\*

disease, comprises a heterolog under the control of promoter. Transgenic mouse model useful for screening drugs for Parkinson's disease, comprises a heterologous DNA encoding mutated symuclein protein WPI; 2003-819566/77 (YAMA/) YAMADA H. (SHOJ/) SHOJI M. (IKED/) IKEDA M. 08-JAN-2002; 2002JP-00001229. 08-JAN-2002; 2002JP-00001229

This invention relates to a movel transgett souse model for betainson disease within captions leavy bodies, reduced dopathe leavis in brain and exhibits shormality in exten. The invention comprises an introduced sounds are 100 amounted plate any model appears in his work of the produced sounds are 100 amounted plate any model appears and the control of a promoter where the MMM contributes of a promoter where the MMM contributes of a promoter where the MMM contributes are companied with actions antiparkingoism activity and for sevening drugs for Parkingon's clease. The transport control ones about provided situate the phonocypic of the MMMM control of Parkingon's activity to the control of the control of the control ones and control one complete the presence of the control of the control ones and control one complete the presence of the control of the control ones and control ones. abnormality in brain function. Example; SEQ ID NO 9; 12pp; Japanese.

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Matches
                                      Query Match
Best Local Similarity
                                                                         Sequence 21 BP; 3 A; 7 C; 6 G; 5 T; 0 U; 0 Other;
304 GAGCATTGCAGCAGCCACTGG 324
                           21,
                         Conservative
                                      100.01;
                                                Score 21, DB 1; Length 21
                                      Pred.
                         Mismatches
                                o
                      0
                      Indels
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0

21 GAGCATTGCAGCAGCCACTGG 1

믕 S

AAX04873/c ID AAX041 24-MAY-1999 AAX04873 standard, DNA, 20 BP (first entry)

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ss; synuclein; amplification. Primer #13R Parkinson disease; drug screening; diagnosis; PCR; primer;

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RESULT 4

ANDIVASE

ANDIVA
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             New gene mutation associated with Parkinson's disease comprising a mutation in the symuclaic gene, used to develop products for detecting prediagosition to or treating Parkinson's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI, 1999-105624/09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 20 BP; 6 A; 6 C; 3 G; 5 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Disclosure; Page 55; 96pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAD14358 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; transgenic mouse; amyloid precursor protein; APP; therapy;
Parkinson's disease; Alzheimer's disease; alpha-symuclein; PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human alpha-symuclein/SV40 riboprobe generating sense PCR primer #1
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                           WPI, 2001-529900/58
                                                                                       Masliah
                                                                                                                                         (REGC ) UNIV
                                                                                                                                                                                                18-FEB-2000, 2000US-0183571P
                                                                                                                                                                                                                                                       20-FEB-2001; 2001WO-US005569.
                                                                                                                                                                                                                                                                                                        23-AUG-2001
                                                                                                                                                                                                                                                                                                                                                               WO200160794-A2
                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens.
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                                                                                                                                              CALIFORNIA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  neurodegenerative disease; ss
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6;
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ID AAD3
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16-AUG-2000; 2000WO-IB001127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO200214546-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    188 GTGGTGCATGGTGGCAAC 207
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A transgenic mouse comprising nuclectide sequences encoding human amyloid precureor procein and human alpha-symuclasin useful for dontifying therapeutic agents for the treatment of Parkinson's disease.
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## 7; Page 54; S5pp; English

The invention relates to a transgenic mouse comprising transgenic mucleotide sequences each operably linked to a promoter and integrated into the geneme, Sach moderable sequences encodes human smyloid precursor protein (hher) and human alpha-symucisin. The invention also

Tailean no a mathod for communing the spanist cagests that inhibit mylodogenesis and mayloid deposition amounted with neurodegenerative cliesees and alpha-symmolaten aggregation. The mathod is useful for mobilating expression, production or forestion subject. The mathod is anyloidegait on the production of forestion subject. The mathod is anyloidegait of injunity laying therepoints agents for the treatment and disputes of mathod the subject of the production of the present sequence is a PCR primar obtained from alpha-symmolatin, used for sequence is a PCR primar obtained from alpha-symmolatin, used for sequence is a PCR primar obtained from alpha-symmolatin.

sequence 20 BP; 3 A; 3 C; 9 G; 5 T; 0 U; 0 Other;

20; Similarity Conservative 100.0%; 1.3%; Score 20; 0 Mismatches žo. DB 1, 0 Length 20 Indels 0 Gaps

0

AAD31945 standard, DIVA; 20 뫋

GTGGTGCATGGTGTGGCAAC

18-JUN-2002 (first entry)

Human alpha synuclein gene fragment

Microbial virilence factory genetic predisposition; Altheimer's disease, perkinson of disease, paticopiemoja, froncesportal lobe demential, beseditary multi-size ext. desential primary X-linked mental retardation; dementia, proposity; semilal suttist desentia, psychistric disorder; transpaint anthair, human; alpha symuclein gene; de.

Homo sapiens

21-FEB-2002

15-FEB-2001; 2001WO-IB000189

(FRIT/) FRITZSCHE M

Use of DNA sequence having fragment of nucleic ecid encoding putetive microbial virulence factor useful for identification of disease e.g. Alimeimar's disease, caused by mutations or for genetic predisposition WPI, 2002-241910/29

Example 1; Page 23; 52pp; English.

The present invention relates to the use of a DNA sequence comprising a fragment of a nucleic acid encoding a putative microbial virulence factor for the identification of a disease quased by mutations or for a genetic predisposition. The invention also relates to a method for identification

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RESULT 10
ABK90196/c
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The present invention relates to a new method for detecting the ability of a compound to promote disaggregation of alpha symulatin. The method the invention inventves adding a compound and Thioflavin T to aggregated alpha symuclein (AaS) solution, where Thioflavin T binds to AAS and
                                                                                                                                                                                                                                                                                                  Detecting alpha synuclein aggregation in vitro for determining aggregation petential of compounds or to acreen for drugs with aggregation or dis-aggregating properties.
                                                                                                                                                                                                                     Example 1; Page 6; 19pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI, 2002-599619/64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Plata-Salamaon C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              03-JAN-2001, 2001US-0259442P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   03-JAN-2002; 2002WO-US001135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11-JUL-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (ORTH ) ORTHO-MCNEIL PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO200254083-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; alpha symuclein; disaggregation; Thioflavin T; aggregation state aggregated alpha symuclein; AAS; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human alpha symuclein PCR primer #2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Benjamin D,
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WPI; 2003-819566/77

08-JAN-2002; 2002JP-00001229 (YAMA/) YAMADA H. (SHOJ/) SHOJI M.

08-JAN-2002; 2002JP-00001229 15-JUL-2003 JP2003199460-A Homo sapiens human; PCR; primer; ss.

brain; action abnormality; alpha symuclein protein; antiparkinsonian,

Example; SEQ ID NO 8; 12pp; Japanese. under the control of promoter.

Transgenic mouse model useful for screening drugs for Parkinson's disease, comprises a heterologous DNA encoding mutated synuclein protein

Query Match Best Local Similarity

100.0%; 1.3%; Score 20; 100.0%; Pred. No.

DB 1; Length 20,

Sequence

20 BP; 7 A; 1 C; 6 G; 6 T; 0 U; 0 Other;

abnormality in brain function

disease. The transgeric mouse model provided mimics the phenotypic characteristics of Parkinson's disease, for example the presence of Lewy bodies and reduction of dopamine levels in the brain, and exhibits This invention relates to a movel transperis mouse model for betainon, of disease which complices leavy boilers, reduced dopanite leaves in horiz and exhibite shoreasity in action. The invention comprises an introduced recombinant DNA modeling aphles ymmetain process, having a fully defined exquence of 130 mains acide as given in the specification under the month of a property, where he bad contribute on bestitution mutations, may be useful in the development of compounds with an authoritism may be useful in the development of compounds with an action to the contribution of the c

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RESULT 11
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Best Local Similarity
transgenic mouse model; Parkinson's disease; Lewy body; dopamine level
                                                                                                                              26-FEB-2004
                                                                                                                                                                                           ADF86337
                                                                                                                                                                                                                                           ADF86337 standard; DNA, 20 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 change aggregation state of alpha symulatin, and measuring a reduction of fluorescence as an indication of the reduced aggregation state of alpha symulatin. The method is useful for detecting the shiltipy of a compound to promote disaggregation of alpha symulatin. The method is also useful to prevent aggregation of alpha symulatin. The method is also useful aggregation of alpha symulatin. The present muclatic acid aggregation at PCS primer that was useful in the methods of the
                                                            Human alpha synuclein protein related PCR primer SeqID8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          produces fluorescence, incubating the solution to allow the compound to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         invention for cloning and expression of soluble alpha synuclein
                                                                                                                                                                                                                                                                                                                                                                                                                                                         528 GTGCTCAGTTCCAATGTGCC 547
                                                                                                                                                                                                                                                                                                                                                                                            20 GIGCTCAGITCCAATGIGCC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20,
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                                                                                                                              (first entry
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Parkinson's disease; Enlisophereia; pronocesporal lobe desentia;
hereditary malli-lifetarc desentia; pronocesporal lobe desentia;
desentia; propathy; familia; British desentia; psychiatric disorder;
transgonic anima; jabbs synucciari de.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Use of DNA sequence having fragment of mucheic acid encoding putactive microbial virulence factor useful for identification of disease e.g. Alzheimer's disease, caused by mutations or for genetic predisposition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15-FEB-2001; 2001WO-IB000189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 The present invention relates to the use of a DMA sequence comprising a fragment of a nucleic acid encoding a putative microbial virulence factor fragment of a nucleic acid encoding a putative microbial virulence factor for the identification of a disease caused by maxations or for a genetic predisposition. The invention also relates to a method for identification predisposition. The invention also relates to a method for identification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 6; Page 23; 52pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WPI; 2002-241910/29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16-AUG-2000; 2000WO-IB001127
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                    Query Match
ADD14278 standard; DNA; 21 BP
                                                                                                                                                             Sequence 19 BP; 10
                                                                                     1070 AATAATAAAATCATGCTT 1088
                                                              μ
                                                              AATAATAAAAATCATGCTT 19
                                                                                                              Conservative
                                                                                                                                                             A, 2 C; 1 G; 6 T; 0 U; 0 Other
                                                                                                                             1.2%;
                                                                                                                0; Mismatches
                                                                                                                             Score 19; DB 1; Length 19;
Pred. No. 8.1;
                                                                                                                     0,
                                                                                                                     0
                                                                                                                     Gaps
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01-JAN-2004 Human src biomarker forward PCR (first entry) primer SEQ ID NO:467

2222X 888 predictor set; protein tyrosine kinase activity modulator; protein tyrosine kinase pathway; protein tyrosine kinase; cytos gene therapy; drug sensitivity; genetic profile; cancer; human; Synthetic PCR primer, ss. kinase; cytostatic

iomo sapiens

31-JUL-2003 WO2003062395-A2

17-JAN-2003, 2003WO-US001981

18-JAN-2002; 2002US-0350061P

(BRIM ) BRISTOL-MYERS SQUIBE CO Huang F, Fairchild CR, Lee FY, Shaw P

New polynucleotides and polypeptides for predicting the activity of compounds that interact with protein tyrosine kinases and/or protein WPI; 2003-636735/60 tyrosine kinase pathways.

computational and on the properties of the process by qualitations of polyproperties of the process typosium between the process to be continuous typosium between the process to be continuous typosium between the process typosium between the proces Example 2, SEQ ID NO 467; 139pp; English invention describes a predictor set comprising a plurality 9,9

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                                                                           Matches
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Best Local Similarity
                                                                                                                                                                          This invention relates to a novel transpent none model for technique disease which comprises lawly bodies; reduced dopania lawls in brain and secobite abordantiley in section. The invention comprises an increduced sequence of 100 manus acids as approach procedur, hereing a fully getland control of a promoter, where the DNA contrains two substitution mutations are inventionally be sufficient to DNA contrains two substitutions mutations are inventionally as sufficient to SNA contrains the compounds with a contrained to procedure of the compounds with a compound of the procedure of the compounds with a contrained to the compound of the compounds with a contrained to disease. The transpents young a compound of the procedure of the compounds with a contrained to the compound of the procedure of the compounds of the compounds with the compound of the compounds of the
                                                                                                                                                  Sequence 19
                                                                                                                                                                                                                                                                                                                                                                                                                                   Example; SEQ ID NO 6; 12pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Transgenic mouse model useful for screening drugs for Parkinson's disease, comprises a heterologous DNA encoding mutated symuciain protein under the control of promotes:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WFI; 2003-819566/77
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (IKED/) SHOJI M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15-JUL-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JP2003199460-A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  transgenic mouse model; Parkinson's disease; Lewy body; dopamine level brain; action abnormality; alpha synuclein protein; antiparkinsonian;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human alpha synuclein protein related PCR primer SegID6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26-FEB-2004 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADF86335;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADF86335 standard; DNA, 19 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (YAMA/) YAMADA H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          human, PCR, primer, ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 21 BP; 9 A; 3 C; 6 G; 3 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     genetic profiles which aid in treating diseases and disorders (e.g. cancer) based on petions response at a molecular level. The present sequence is used in the exemplification of the present invention.
                                                                                          Local Similarity
                                   196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      335 AAGGACCAGTTGGGCAAGAAT 355
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                           TGGTGTGGCAACAGTGGCT 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANGGAACAGTTGGCCAAGAAT 21
                                                                                                                                          BP; 4 A; 3 C; 7 G; 5 T; 0 U; 0 Other;
                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                       94.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.2%; Scors 17.8; DB 1; Length 21; 90.5%; Pred. No. 9.7;
                                                                       0,
                                                                                   Score 17.4; us
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                   Mismatches
                                                                                                  DB 1; Length 19;
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                                                               Indels
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                   8232
                                                                                                                                                                                                                                                                                                                                                                                       ADF86334/c
                                                                                                                                                                          RESULT 16
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ADF86333
ID ADF86
XX
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Best Local
                                                                                                                                                                                                                                                                                                            Matches
       Human alpha synuclein protein related PCR primer SegIDS
                                                       26-PEB-2004
                                                                                              ADF86334
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Mis invention relates to a morel transports move expol (or nationary disease which comprises leavy bodies, reduced departies levels in his had exhibite aboremailty in extent. The invention comprises an introduced segment out the smoothing alpha symmetria protein, butting a fully defined expension of the segment of the s
ADF86334 standard; DNA; 19 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 19 BP; 6 A; 4 C; 7 G; 2 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Transgenic mouse model useful for screening drugs for Parkinson's disease, comprises a heterologous DNA encoding mutated symuciain protein under the control of promoter.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               abnormality in brain function.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example, SEQ ID NO 4; 12pp; Japanese.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (IKED/) IKEDA M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        08-JAN-2002, 2002JP-00001229
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brain; action abnormality; alpha symuclain protein; antiparkinsonian; 
human; PCR; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human alpha synuclein protein related PCR primer SeqID4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.1%;
Similarity 94.7%;
                                                                                                                                                                                                                                                               TGTGGCAGAAGCACCAGGA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0, Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 17.4; DB 1;
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transgenic mouse model; Parkinson's disease, Lewy body, dopamine level;

(first entry

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RESULT 17
ADF86336/c
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15-JUL-2003.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Transgenic mouse modal useful for screening drugs for Parkinson's disease, Comprises a heterologous DNA encoding mutated synuclain protein under the control of promoter.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 19 BP; 2 A; 7 C; 4 G; 6 T; 0 U; 0 Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  bodies and reduction of dopamine levels in the brain, abnormality in brain function.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example; SEQ ID NO 5; 12pp; Japanese.
                     08-JAN-2002; 2002JP-00001229
                                                           08-JAN-2002; 2002JP-00001229
                                                                                                                                               JP2003199460-A
                                                                                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                            brain; action abnormality; alpha symuclein protein; antiparkinsonian;
                                                                                                                                                                                                                                                                 transgenic mouse model; Parkinson's disease; Lewy body; dopamine level
                                                                                                                                                                                                                                                                                                       Human alpha synuclein protein related PCR primer SeqID7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        action abnormality; alpha synuclein protein; antiparkinsonian;
PCR; primer; ss.
                                                                                                                                                                                                                           PCR; primer; 88.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TGTGGCAGAAGCACCAGGA 1
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                                                                                                                                                                                                                                                                                                                                                          (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94.74;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 17.4;
Pred. No. 12
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Best Local S
Matches 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hepatitis C virus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25-MAR-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADH69053;
                                                                                                                                                                                                      WPI; 2003-767436/72
                                                                                                                                                                                                                                            Holland-Staley C;
                                                                                                                                                                                                                                                                                      (HOLL/) HOLLAND-STALEY C.
                                                                                                                                                                                                                                                                                                                                 11-MAR-2002; 2002US-0363603P
                                                                                                                                                                                                                                                                                                                                                                                                                 25-SEP-2003
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IKEDA M.
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Transgenic mouse model useful for ecreening drugs for Parkinson's disease, comprises a heterologous DNA encoding matered symulein protein under the control of promoter.
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Example, SEQ ID NO 7; 12pp; Japanese

mile immedian chiese to a noral transpanis mouse model for Parkinson's disease which complies they bodies, reduced openiane levels in Paria and enhibites shorewaitly in oction. The immedian comprises an introduction combines above the combinant DNA seconding ships given in the specification whether the control of a prometer, where the DNA contains two mistitution switchout control of a prometer, where the DNA contains two mistitution switchout and the control of a prometer, where the DNA contains two mistitutions switchout and activities of a prometer where the DNA contains two distributions of compositions when a military function mediatly and made in consider smide in the Dnanotypid characteristics of parkingers distances, for example the presence of key bodies and reduction of dopasine levels in the Drain, and exhibite absorbances, and the control of the parking of distances, for example the presence of key above.

Sequence 19 BP; 5 A; 7 C; 3 G; 4 T; 0 U; 0 Other

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Local Similarity 94.7%;
196 TGGTGTGGCAACAGTGGCT 214
                     Conservative
                     0
                                       Score
                               Pred.
                       Mismatches
                                           17.4;
                                         DB 1; Length 19;
                       Ľ,
                         Indels
                         0
                         Gaps
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0

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19 TGGTGTGACAACAGTGGCT 1
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ADH69053 standard; DNA; 18 BP Hepatitis C virus genotype 2b oligonucleotide HCV2b seqL5 (first entry.

ss, primer; antiinflammatory; hepatotropic; virucide; vaccine; hepatitis C virus; HCV; NS3; NS4; diagnosis; drug therapy.

11-MAR-2003; 2003WO-US007585

New nucleic acid sequences from Hepatitis C virus (HCV) genome corresponding to HCVLa, HCVZa, HCVZb, HCVZb, HCVZb and HCV4a subtypes, useful as vaccine for the preventing and/or treating HCV infection.

Claim 1; SEQ ID NO 40; 101pp; English.

The invention relates to nucleic acids derived from hepatitis C virus (HCV) sequences (SI) where oligonuclectide derived from these sequences

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                (PHAA ) PHARMACIA CORE
                                                             01-JUL-2002; 2002US-0392813P
                                                                                                                           01-JUL-2003; 2003WO-US020865
                                                                                                                                                                                                                                                                                                                                                                                                               modified base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     human; ss; liver related homologue; i. sdir, NESA; antisese; posphorochiose; 7 vol; brast concer; yoliplomania; atheroccierosis; lov NDL; high destry lipoprotein; high liu; hyperchiamis; observations; posphorocy; triglyperchiamis; observations; high liu; hyperchiamis; observations; posphorocy; triglyperchiamis; observations; observation
                                                                                                                                                                                                                                            WO2004003201-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 modified_base
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Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Antisense DNA oligo used to modulate human LRH1 expression SeqID 2460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  modified base
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 18 BP; 7 A; 6 C; 4 G; 1 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity 94.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       164 GTAGGCTCCAAAACCAAG 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GTAGGCCCCANNACCNNG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                          /notes "OTHER= 2' methoxyethyl (2' MOE) nucleorides. cytidine nucleobases are 5-methylcytidine."
                                                                                                                                                                                                                                                                                    /note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides.
cytidine nucleobases are 5-methylcytidine."
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1. .20
                                                                                                                                                                                                                                                                                                                                                       /mod base= OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /label= OTHER= phosphorothicate backbons
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mod_base= OTHER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
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ADJ17792
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                                                                                                                                                                   modified_base
                                                                                                                                                                                                                                                       Homo sapiens.
Synthetic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADJ17792 standard; DNA; 20 BP
                                                                                                                                                                                                                                                                                                                                      antiinflammatory; virucidal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADJ17792;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2004-083058/08.
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mod_base= OTHE
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New antisense Oligonacleorides rargeted to a nucleic acid encoding liver related homologue-1 (IRMI), useful for treating breast cencer, dyslipidemia, atherosclerosis, hypercholesterolmia, or hapsittis.
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This invention relates to novel antisense compounds useful for modulating Example 15; SEQ ID NO 2460; 909pp; English

c maches: receptor process that functions as a time; specific consideration for the functions as a time; specific consideration for the function of the functi expression of the human LRH1 protein of the invention. the expression of liver related homologue-1 (IRH1) and splice variants thereof. Specifically, it refers to compositions 8-30 nucleobases in length that target a portion of an active site on the nucleic acid molecule encoding LRH1 (also known as NRSA2) LRH1 is a monomeric orphan

Sequence 20 BP; 9 A; 1 C; 3 G; 7 T; 0 U; 0 Other;

Best Local Similarity 94.4%; Pred. No. 14; Matches 17; Conservative o. V. ... DB 1, Length 20, 1; Indels 0; Gaps

0,

1140 TANTAGCCATTTGAAGAA 1157 0; Migmatches

Antisense DNA oligo used to modulate human LRH1 expression SeqID 2342.

phosphorothioste; 2, Work bream; cancer; dysligidaesis; atherosclerosis; low HUL, high density lipopocotath, high LUD, hypercholecterolaesis; all stone; triglypertdensis; obseity, hepatitis; hepatocalitular carcinoma; aromathase; oversettic; antilipaesic; antilipaesic; antipaesic; human; ss; liver related homologue-1; LRH1; NRSA2; antisense;

Location/Qualifiers

/\*tag= a /label= OTHER= phosphorothicate backbons OTHER

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Constitution of the property of potential and active alter on the nucleic acidal conditions and plant class of common as small, just in a momental orphal nuclear receptor provate that functions as described sometimes as titleness and the property of the condition of the conditi
                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This invention relates to novel antisense compounds useful for modulating the expression of liver related homologue. (LEMI) and splice variants the expression of liver related homologue. (LEMI) and splice variants the expression of the related by the compositions 8-30 mulacobases in the relo. Specifically, it desire to compositions 8-30 mulacobases in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       dyslipidemia, atherosclerosis, hypercholesterolemia, or hepatitis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                New antisense oligonucleotides targeted to a nucleic acid encoding liver related homologue-1 (LRH1), useful for treating breast cancer,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2004-083058/08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 20 BP; 9 A; 1 C; 4 G; 6 T; 0 U; 0 Other;
Antisense DNA oligo used to modulate human LRH1 expression SeqID
                                                20-MAY-2004 (first entry)
                                                                                                                                           ADJ17897 standard; DNA; 20 BP
                                                                                                                                                                                                                                                                                                                                                      Local Similarity
hes 17; Conserv
                                                                                                                                                                                                                                                                                                          1140 TAATAGCCATTIGAAGAA 1157
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                                                                                                                                                                                                                                                                    TAATAGTCATTTGAAGAA
                                                                                                                                                                                                                                                                                                                                                                Conservative
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cytidine nucleobases are 5-mathylcytidine."
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/mod_base= OTHER
                                                                                                                                                                                                                                                                                                                                                                                   94.4%;
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Pred. No. 1
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Kane CD (PHAA ) PHARMACIA CORP

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low HDL, high density lipoprotein; high LDL; hypercholesterolaemia; gall scome; triglyceridaemia; obesity; hepatitis; hepatics hepatocellular carcinoma; aromatase; cytochatic; antilipaemic; antistreriose; arotic; anorectic; hepatotropic; litholytic;
                                                                                                                                                                                   modified_base
                                                                                                                                                                                                                                                                                                                                                                                                        modified_base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    antiintlammatory; virucidal.
08-JAN-2004
                                           WO2004003201-A2
                                                                                                                                                                                                                                                                                                            modified_base
                                                                                           cytidine nucleobases are 5-methylcytidine."
                                                                                                                                                                                                                cytidine nucleobases
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                                                                                                                                                                                                                                                                                                                               /label= OTHER= phosphorothicate backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                         /mod_base= OTHER
/note= "OTHER= 2' methoxyethyl (2' MOE) nucleotides.
                                                                                                                                                                                                                                             /note= "OTHER= 2'
                                                                                                                                                                                                                                                                                                                                                                 mod_base= OTHER
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                                                                                                                                                                                                                                                                     base= OTHER
                                                                                                                                                                         a
                                                                                                                                                                                                                    methoxyethyl (2' MOE) nucleotides. All
ses are 5-methylcytidine."
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01-JUL-2002; 2002US-0392813P 01-JUL-2003, 2003WO-US020865

New antiense oliganucleorides targeted to a nucleic acid encoding liver related homologue 1 (LRHI), useful for treating breast cancer, dyslipidemia, acheroscierosis, hypercholesterolemia, or hepatitis. WPI; 2004-083058/08.

This invention relates to novel antisense compounds useful for modulating Example 15; SEQ ID NO 2447; 909pp; English

chis autremation of liver related hemologue. [Gast) and splice variants that the process of the

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222222222

human, ss; liver related homologue-1; LRH1; NR5A2; antisense; phosphorothioate; 2' MOE, breast cancer; dyslipidaemia; atherosclerosis;

Sequence 20 BP; 8 A; 1 C; 3 G; 8 T; 0 U; 0 Other;

Query Match Best Local Similarity Matches 17; Conserv Conservative 1.1%; Score 16.4; [ 94.4%; Pred. No. 14; stive 0; Mismatches DB 1; Length 20 Indels 0;

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The inventom relates to a movel phirmsontical composition, which has a first scrive again composition of a composition of the control of the 
     Query Match
Best Local S
Matches 16
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ABZ88269/c
                                                                                                           Sequence 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pharmacourical composition for treating allments associated with impaired respiration, has oligo(s) antisense or specific gene(s) or its to corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Disclosure; SEQ ID NO 3511; 872pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WPI; 2003-229219/22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (EPIG-) EPIGENESIS PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24-APR-2001; 2001US-0286137P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           23-APR-2002; 2002WO-US013135.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO200285308-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             antiasthamic, hypotensive, immunosuppressive, optostatio, gene therapy antisense gene therapy, respiratory, lung, adomeste sensitivity, ademosine receptor, bronchodilation; bronchocometriction, lung allergy,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human; antisense; lung dysfunction; nasal airway dysfunction; antiinflammatory; steroid; ubjquinone; antiinflammatory; antiallergic;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human oligonucleotide sequence
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                              Local Similarity
                                                                                                                                                    ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        inflammation; respiratory disease; ds.
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Tang L, Shahabuddin S;
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                                                                                                 BP; 5 A; 3 C; 6 G; 6 T; 0 U; 0 Other;
          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (first entry)
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                         100.0%;
                                                        1.0%;
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                              Pred. No. 15; Length 20,
          Mismatches
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     Indels
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comprising bilgomod satisfar, affective fear himself and comprising bilgomod satisfar, affective fear himself, all and complete and comprising and comprisin
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ABD24499/c
ID ABD244
XX
AC ABD244
XX
DT 29-JUL
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                     inflammation allegates and/or surfactant bypoproduction are associated with a disease or condition such as pulmonary vaccion surfactory disease systems, impeded conjunction, allegates, sathes, impeded conjunction conjunctory disease systems, pulm cyter through a pulmonary vaccion, emphysical, charactery pulmonary diseases, pulmonary through the conjunction of the conjunct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           This invention describes a novel composition (a)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Claim 15; SEQ ID NO 3511; 763pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             oligonucleotide containing less percentags of adenosine, targeted to nucleic acids associated with lung airway or lung dysfunction, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mean; antiemes bromchoomstration; altery; hyposoretion; pala; respiratory tract inflamation; demonias essistivity; lung choor; unfractan depletion; antialtergis; antinflamatory; antienthantic; antigetic; processive; proces
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 bronchodilating agent
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WPI; 2003-093058/08
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Tang L,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Katz E, Pabalan J, Aguilar D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      a first active agent,
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transplantation rejection, pulmonary infections,

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RESULT 24
AAX52736/c
ID AAX527
XX
8888888
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Best Local :
Matches 1:
                         This invention describes a north method for obtaining a set of Malialic castleter represented in MAX23313.252312 and ANS2331.252312 for use in constructing a high density equilibrium map of the human gramme, ment of the month of the construction 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The reduced adenosite content of the anti-mense oligon corresponding to the middless present in the target BMM serves to prevent the breakdown the oligonucleotides into products that free adenosine into the system e.g., lumb, brain, heart, kindery, etc, tissue environment and thereby, prevent any unwanted effects due to it
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Biallelic marker; human; high density disequilibrium map; disease; trait;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAX52736 standard; DNA; 19 BP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO9904038-AZ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    drug toxicity; primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   identification; Alzheimer's disease; drug response; drug efficacy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 30-JUN-1999
                                                                                                                                                                                                                                                                                                                                                        determining the order and sequence of DNA fragments and identifying nucleotides which vary between individuals.
                                                                                                                                                                                                                                                                                                                                                                                        production of biallelic markers - by obtaining a genomic DNA library,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (GEST ) GENSET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18-JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17-JUL-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
                                                                                                                                                                                                                                                                                                                    Example 8; Page 229; 288pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1201 ACACTCGGAATTCCCT 1216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 ACACTCGGAATTCCCT S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Blumenfeld M,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (first entry.
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98US-0082614P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tchoumakov I;
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   G
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   12 T;
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   0 U; 0 Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Length 20;
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29-OCT-1998; 11-MAY-2000

98US-00183972 99WO-US025440

IOWA RES FOUND

Kuehn MH

Sequence

19 BP, 5 A; 2

0

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Query Match Best Local Similarity Matches 16; Conserv

Conservative

94.1%;

Sequence 19

BP, 4

A.

1 C; 10 G; 4 T; 0 U; 0 Other 1.0%; Score 15.4; 94.1%; Pred. No. 19; ive 0; Mismatches

DB 1, Length 19; H

Indels

0,

Gaps

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methodologies

and their products in samples from patients according to standard

Interpretation of the content of the

Nucleic acide encoding interphotographor matrix proteoglycans useful for preventing, diagnosing and treating ocular disorders such as retinal detailment and choriovatinal degeneration.

WPI, 2000-365616/31. Hageman GS, (IOWA ) UNIV 29-OCT-1999;

Claim 43; Page 44; 183pp; English.

PCR primers AAA46209-42 were used to amplify cDNA encoding an

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RESULT 25
AAA46217
ID AAA4
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Best Local Similarity
Matches 17; Conserv
                                                                                                                            Unidentified.
                                                                                                                                                                                                                                          Interphotometry matrix; IPM; proteoplycan; IPM10; IPMC, IPMC00; chroniomes (s)1-c)5; coultar dissess; reliab; descabeati; chroniomes (s)1-c)5; coultar dissess; reliab; departmention; one departmention; come departmention; come departmention; photoremptor; departmention; age; rals and smcular departmention; photoremptor; departmention; reliab; ligament epithalism departmention; motopolymetohatidesis; reliab; ligament epithalism department(s); motopolymetohatidesis; reliab; ligament epithalism department(s); reliab; ligament epithalism department(s); reliab; ligament epithalism department(s); reliab; 
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NO200026367-AZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1126 AAATATAAAGTTATTAATA 1144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AMATAMAMAGTTATTANGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (first entry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              for interphotoreceptor matrix proteoglycan IPM150 cDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 15.8,
Pred. No. 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 19.
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AAZ71726
ID AAZ7
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                                                                                                                                                                                                                       Query Match
Best Local &
                                                                                                                                                                                                        Matches
AAZ71726,
                              AA271726 standard; DNA; 18 BP
                                                                                                                                                                                                                                                                                                                         The present invention describes an antisense compound (1) $-10 nucleotides long terrepected for a multic said subsequite ancoding human entrian. The entisense compound comprises a phosphorochiacte antisense compound comprises a phosphorochiacte antisense for the compound of the compoun
                                                                                                                                                                                                                                                                            Sequence 18 BP; 2 A; 1 C; 6 G; 9 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 3; Col 38; 29pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Antisense compound which modulates human sentrin expression, useful for 
treating diseases associated with sentrin expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2000-022284/02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17-DEC-1998,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US5985664-A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Baker BF, Cowsert LM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (ISIS-) ISIS PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       16-NOV-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 modified_base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human sentrin phosphorothicate antisense oligonucleotide SEQ ID NO:21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         03-FEB-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAZ35879;
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                                                                                                                                                                                                                Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           modulation; expression; diagnosis; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          fuman; sentrin; antisense oligonuclectide; phosphorothicate; inhibition
                                                                                                                                                   488 GTITCITGAGATCTGCTG 505
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                                                                                                                                                                                                        16;
                                                                                                                            GITTCTTGAGATGTGTTG 18
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                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                   1.0%;
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                                                                                                                                                                                                                       Pred. No.
                                                                                                                                                                                                                                      Score 14.8;
                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                       22;
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                                                                                                                                                                                                    2;
                                                                                                                                                                                                                                  Length 18,
                                                                                                                                                                                                    Indels
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                                                                                                                                                                                                                   RESULT 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          present invention
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genomu.c map, haplotype, phemotype, polymorphic base, genoctyping,
haplotyping, hybridisation; identification, characterisation,
amplification; single nucleotide polymorphism; SNP; PCR primer;
                                                                                                                                            Human genome; biallelic marker; high density disequilibrium map,
                                                                                                                                                                                                                                       Human biallelic marker upstream amplification primer SEQ ID NO:6082
                                                                                                                                                                                                                                                                                                                                                     10-SEP-2001 (first entry)
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21-APR-1999; 28-OCT-1999 W09954500-A2 Homo sapiens. 98US-0082614P 99WO-IB000822.

Cohen D, (GEST ) GENSET 21-APR-1998; 23-NOV-1998; Blumenfeld M, 98US-0109732P Chumakov H

Movel biallelic markers used to construct a high density disequilibrium WPI, 2000-013267/01 of the human genome.

Claim 8; Page 1527; 2745pp; English AAZ65654 to AAZ69578 represent human bislielic markers from the present invention, which contain a polymorphic base at position 24 of their

invention, which contain a polyacophic base at position 3% of their nucleating engages, an ARSS279 to partial application application and the same a variety of uses they can be used to high safety of the invention have generally and the same and the same application and the same application and the same application and the same application of the complete senociation netties and bujulophysis studies of the complete senociation netties and bujulophysis studies of the complete and the development of pherecution in the complete and the development of pherecution and application of the pherecution and the same as a death of the complete and the same as a death of the their transmitted senocial and the same and the

Sequence 18 BP; 3 A; 1 C; 8 G; 6 T; 0 ď, 0 Other

Query Match Best Local Similarity 1.0%; ; Score 14.8; D; Pred. No. 22; O; Mismatches DB 1; Length 18; Indels 0 Gaps

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17 GACAGIGIGIGIAAAGG 34

GTCAGTGTGGTGTAATGG 18

AAA15525 AAA15525 standard; DNA; 18 BP

28-JUL-2000 (first entry)

thyrotropin-releasing hormone; antisense oligonucleotide; ss. Human; G-alpha-13; G protein; Gi protein; adenylyl cyclase; dopamine; thyrotropin-releasing hormone; somatostatin; signal transduction pathway. Human G-alpha-i3 antisense oligonucleotide ISIS#25944

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RESULT 29
AAH47603/c
ID AAH476
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SXS
                                                                                                                                                   Query Match
Best Local &
Matches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo
                                                                                                                                                                                                           The primer sequence is an antisense objected for the human of-
alpha-13 genes The protein produced from this gene is a scales of the O
protein family, and more specifically of the Gi family. The Go proteins
are involved in homemal inhibition of showpyly on chalpha-13 has been
regulate has profe in the department by protein relationship the been
regulate has profe in the department by protein relating horsens and
semicrostatin signification of the G-13ha-13 gene and can be used to solitate expression of the G-13ha-13 gene and can be used to solitate expression of the G-13ha-13 gene and can be used to
prevent infection. Inflamention and treasure
                                                                                                                                                                                                                                                                                                                                             New antiesnee compounds targeting nucleic acids encoding human (-alpha-1) unseful for treating diseases associated with (c-alpha-1) expression and as prophylaxis to prevent or delay infection, inflammation or tumor
                                                                                                                                                                                                                                                                                                                                                                                       WPI; 2000-375497/32
                                                                                                                                                                                                                                                                                                                                                                                                                                                   24-JUN-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16-MAY-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              modified_base
                                                                                                                                                                                                                                                                                                                Claim 3, Col 39; 30pp; English.
                                                                                                                                                                                          Sequence 18 BP; 5 A; 1 C; 4 G; 8 T; 0 U; 0 Other;
Human Her-3 mRNA inhibiting antisense oligo ISIS # 19618
                                                            AAH47603 standard;
                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sapiens
                                                                                                                        602 AGTGATTGAAGTATCTGT 619
                                                                                                                                                                                                                                                                                                                                                                                                                                ISIS PHARM INC
                                                                                                             AATGATTGAAGTTTCTGT
                                                                                                                                                     Conservative
                    (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                   99US-00339775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9908-00339775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /notes 'Optionally 2'-methoxyethy! nuclectides providing bases 1. '4 are also 2'-methoxyethy! nuclectides. All cytidine residues within this region are then 5-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note "Optionally 2'-methoxyethyl nucleotides providing bases 15. .18 are also 2'-methoxyethyl nucleotides. All cytidine residues within this region are then 5-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        methylcytidine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    methylcyticine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mod_base= OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            noce=
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mod_base=
                                                                                                                                                               1.0%;
                                                            DNA; 18 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "Optionally phosphorothicate dsoxynuclectides"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER
                                                                                                             18
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                                                                                                                                                             Score 14.8; DB 1;
Pred. No. 22;
                                                                                                                                                     mismatches
                                                                                                                                                       2;
                                                                                                                                                                         Length 18
                                                                                                                                                       Indels
                                                                                                                                                       0
                                                                                                                                                       Gaps
                                                                                                                                                         0
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        RXRXRXRXRXRXR
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ider-1; gridermal growth factor; EEF; treegeor/Pyronian kinama; haman; antilifluminosy; pyroneato; antibacterial; antisanse; sm. smplens.

Description.

21.400-2001; 20008-06630706.

31.400-2001; 20008-06630706.

31.400-2001; 20008-06630706.

(1515-) ISIS PRESEN INC.

Rememet CF; Comest LM;

MP1; 2001-25313/99.

Antisans compounds capable of modulating expression of human Ner-1, member of spidermal growth factor fault of respective falsmatch or twore upon the compound of the composition of the composit
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Chaim I. Col d-444 98p; Bollich.

Chaim I. Col d-444 98p; Bollich.

The imperation provides antisense compounds capable of inhibiting the sequenting of human Her-J. a member of spidemial spooch facilities are useful for inhibiting the expression of mira disponsition for the composition of mira disponsition for composity for composity for one provided in the control of particular speas. The attienance compounds are also useful for detringuishing between functions of various sembers of a biological package and for research use. They are used to deposit the control of the

formation.

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O Sequence 18 BP, 4 A, 6 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 109; Scores 14.8; DB 1; Length 18;
Best Local Similarity 88.99; Prod. Mo. 2; Indels 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0;
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Gaps

0

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es 16; Commervative 0; Hamaschem 2; Indels 1
es 16; Commervative 10; Hamaschem 2; Indels 1
41 [COMMERCE] 148
1 [Trundcolocom/resh 1
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RESULT 30
ABK86493
ID ABK86493 standard; DNA; 18 BP
XX
AC ABK86493;
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27-AUG-2002 (first entry)
Human apo-dystrophin-4 reverse sequencing primer/probe RSP2

Human; es; apo-dystrophin-4; inversion sequence; gene therapy; primer; protein truncation; muscular dystrophy; leukaemia; probe.

OS Homo sapiens. XX PN GB2368064-A.

PD 24-APR-2002. XX PF 16-JAN-2001; 2001GB-00001124

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The invention relates to a polymathetide (1) comprising, or consisting of the polymathetide (1) comprising an Added, or its case a familier of the control o
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Best Local Similarity
Matches 16; Conserv
20-FEB-2002; 2002JP-00043866.
20-FEB-2002; 2002JP-00043867.
                                                                                13-FEB-2003; 2003WO-JP001474
                                                                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                                                                                                                    Human; beta-actin; GAPDH; loop-mediated isothermal amplification; LAMP, glyceraldehyde-3-phosphate dehydrogenase; cancer; metastasis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Primer for amplification of beta-actin #SEQ ID 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20-NOV-2003 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADA15833;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADA15833 standard; DNA; 18 BP
                                                                                                                                                                                                            HO2003070935-A1
                                                                                                                                                                                                                                                                                                                                  genetic engineering;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 18 BP; 7 A; 1 C; 1 G; 9 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Disclosure; Page 162; 222pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   southern blotting probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New human regulatory polynucleotide, useful for treating disorders associated with protein truncation, particularly muscular dystrophy, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           related peptides and antibodies.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 2002-429042/46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD. (BARB/) BARBER E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30-SEP-2000; 2000US-0237079P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1402 AATTGTTATACATTTTTA 1419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 AACTGTTATAAATTTTTA 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 14.8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 18;
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ADM06536/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             prisery of the invention are for motato acid signification in descring the control of the invention are for motato acid signification of the section and control of the con
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                     Isogai T, Sugiyama T,
Yamamoto J, Isono Y,
Seki N, Yoshikawa T,
                                                                                                                                                          (REAS-) RES ASSOC BIOTECHNOLOGY.
                                                                                                                                                                                                                        22-MAR-2002; 2002JP-00137785.
                                                                                                                                                                                                                                                                                12-APR-2002; 2002EP-00008400
                                                                                                                                                                                                                                                                                                                                                    24-SEP-2003
                                                                                                                                                                                                                                                                                                                                                                                                      EP1347046-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     human; gene therapy; diagnostic marker; pharmaceutical; ss; PCR; primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human PCR primer SEQ ID NO:5221.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20-MAY-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADM06536;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADM06536 standard; DNA; 18 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 18 BP; 1 A; 9 C; 1 G; 7 T; 0 U; 0 Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           in the samples. The current sequence represents a primer for the amplification of human beta-actin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The invention relates to primers for nucleic acid amplification for detecting a housekeeping gene and/or a housekeeping gene related mann by the Loop-mediated inothermal amplification (LMP) method. Particularly referred to are primers for the amplification of beta-actin or GAPNH. The referred to are primers for the amplification of beta-actin or GAPNH. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 3; Page 22; 90pp; Japanese
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373 GGAAGGAATTCTGGAAGA 390 18 GGAAGGAAGGCTGGAAGA 1 Conservative

1.0%;

Score 14.8; DB 1; Length 18 Pred. No. 22 Mismatches

0;

2,

0;

0

(first entry

WPI; 2003-723558/69

Otsuki T, Wakamatsu A, S Hio Y, Otsuka K, Nagai K, Otsuka M, Nagahari K, Mas

Sato H, Ishii S; K, Irie R, Tamechika I;

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Primers for mucleic acid amplification in detecting housekeeping gene mRNAs to contirm amplification of beta-actin and glyceraldehyde-3-phosphate dehydrogensse useful in diagnosis of cancer.
                                                                                                                                                                                                                                                                                                                                                                                               (SYSM-) SYSMEX CORE
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The

New polymucleotides and polypeptides are useful in gene therapy, for developing a diagnostic market or medictions for regulating their expression and activity, or as a target of gene therapy.

Example 8; SEQ ID NO 5221; 305pp; English.

XFFFXXX6888888888888

The immediate relates to a novel human polymediated and the encoded polymediate A polymediated the invention may have a use; yet enterpy. An oligonociacidist of the invention due to be provided to use the provided the second of the polymediated and the provided the second invention of the provided the p

Sequence 18 BP; 2 A; 7 C; 2 G; 7 T; 0 U; 0 Other;

Matches Query Match Best Local Similarity 346 GGGCAAGAATGAAGAAGG 363 16; Conservative 88.98; 0; Mismatches Pred. No. Score 14.87 DB 1; 2; Length 18; Indels 0 Gaps 0

RESULT 33 AAZ30195

B S

18 GTGCAAGACTGAAGAAGG 1

AAZ30195 standard; DNA; 18 BP

11-FEB-2000 (first entry)

wvk gene; mevalonate kinase; mevalonate pathway; carotemognate yease; leopentenja pyrophosephate; atmesyl pyrophosphate; isopranid, carotemojd; atexambhinj. camper; antioxidant; colouring resgent; PCR primer Mk17 used to amplify the mvk gene 5' adjacent

farmed fish industry; PCR primer; 88.

Xanthophyllomyces Synthetic dendrorhous

EP955363-A2

10-NOV-1999

26-APR-1999; 99EP-00107413.

(HOFF ) HOFFMANN LA ROCHE & CO AG 06-MAY-1998; 98EP-00108210

Ojima K, Setoguchi Y,

WPI; 2000-001086/01

Isolated DNA sequences encoding enzymes, useful for the production of isoprenoids and carotenoids.

Example 10; Page 15; 58pp; English.

ong primes skatnings of evers used to amplify the mak game 5 objects region. The mak game encodes a securionate kinase engine, the control introlved in the sentionate pathway in the contempental year knowled in the despite. The presentation of the contempental year knowled in the contempental year knowled in the contempental year knowled in the production of impremotion are used in the production of impremotion are used in the production of impremotion and contempental year that is a transfer of the invention are used in the production of impremotion and contempental year that is a transfer of the invention are used in the production of impremotion and contempental year that is a transfer of the invention are used in the production of impremotion and contemperature.

pharmaceutical industry, to protect cells against cancer as it has a strong antioxidation property Astanchinis also useful as a colouring serong antioxidation property Astanchinis also useful as a colouring respont in the farmed (ish industry e.g. salmon

ន្តន្តន្ត Sequence 18 BP; 10 A; 0 C; 8 G; 0 T; 0 U; 0 Other;

Matches Query Match Best Local Similarity Conservative 93.8%; Pred. Score 14.4; Pred. No. 2 Mismatches DB 1, 1, Indels Length 18;

> 0 Gaps

> 0

1170 GAAGAGGTAGAGAAAA 1185 N GANGAGGAAGAGAAAA 17

B S

Search completed: October 12, 2005, 14:16:49 Job time : 1 secs

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nucleic search, using sw model

Copyright

GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd

October 12, 2005, 14:17:41; Search time 1 Seconds
(without alignments)
0.701 Willion cell updates/sec

# TITE OF INTETION. Teachignic shimal model for peaced-spectrative disorders risk pressure 1, 1 page 1, 1 pa

TYPE: DNA ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: primer US-09-687-731-1

Matches Query Match Best Local Similarity 100.0%; 24; Conservative 0 Score 24; DB , Pred. No. 0.8 0; Mismatches 0.89; 0 Length 24; Indels 0 Gaps

0

문 13 CGACGACAGTGTGGTGTAAAGGAA 36

US-09-687-731-2/c 1 CGACGACAGTGTGGTGTAMAGGAA 24

Minimum DB Maximum DB

seq

length: 18 length: 24

Total number of hits satisfying chosen parameters:

22

Scoring table: Sequence: Perfect score: Run on: OM nucleic -

Gapop 10.0 , Gapext 0 IDENTITY\_NUC

11 segs, 227 residues

us-10-698-311a-311 1543

ggagtggccattcgacgaca...

..ataaataatattcgaccatg 1543

Searched:

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 5000

summaries

Dacabase

rnidb: \*

pred. No. is the number of results predicted by chance to have score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result

žo.

Score

Match

Length DB

Description

US-09-687-731-1 US-09-687-731-2

a 000

14.8 14.8 14.8

11

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18:00-68:7-731-70
18:00-18:7-731-70
18:00-131-76-21
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18:00-131-76-68
18:00-131-76-68
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18:00-131-76-731-08
18:00-68-731-08
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18:00-68-731-08
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sequence 1. Appli sequence 2. Appli sequence 3. Appli sequence 5. Appli sequence 5. Appli sequence 6. Appli

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Matches

24;

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Sequence 2, Application US/09687731
Patent No. 6504080
GENERAL INFORMATION:

Napricani, van ise Antea, perus deram Maria TITE DO INVENTION Transparie animal model for neurodepararative disorders TITE ADVENDENCE: Alpha-spundish transparie animals CHESEN PALICHOMNE MOGN-15-13 VOR.731 GREEN PALICHOMNE MOGN-15-13 VOR.731 REIGE APRICATION EMPRES de 8984513 6

SEQ ID NO 2 LENGTH: 24 SOFTWARE: NUMBER OF SEC ID NOS: Patentin Ver. 2.1 12

, OTHER INFORMATION: Description of Artificial Sequence: primer US-09-687-731-2 TYPE: DNA ORGANISM: Artificial Sequence

Query Match Best Local Similarity Conservative 1.6%; Score 24; DB 1; Length 24; 100.0%; Pred. No. 0.89; 0 Mismatches Indels 0 Gaps

0

526 AAGTGCTCAGTTCCAATGTGCCCA 549 24 AAGTGCTCAGTTCCAATGTGCCCA

US-09-687-731-8/c

APPLICANT: Van Der Putten, Petrus Herman Maria Sequence 8, Application US/09687731 Patent NO. 6504080

TITE OF INNOTION: Transpirit aminal model for manodegementative disorders
FILE REFERENCE, Alba-symutatin transport cathals
COMBERT ARTICOLUMN ENGRES, COS/97/687-731
FRICES ARTICOLUMN ENGRES, COS/97/687

RESULT 1 US-09-687-731-1 Sequence 1, Application US/09687731
Patent No. 6504080
GENERAL INFORMATION:
APPLICANT: Van Der Putten, Petrus

ALIGNMENTS

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Van Der Putten, Petrus Herman Maria

TYPE: DNA

FEATURE:

ORGANISM: Artificial Sequence

문

1 GAAGGGTATCAAGACTACGAACC 23

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US-09-687-731-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-687-731-5
                                                                                                                                                                                                                                      SOFTWARE: I
SEQ ID NO 5
LENGTH: 23
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                                                                     Matches
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                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/09687731
Patent No. 6504080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: P
SEQ ID NO 10
LENGTH: 24
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Best Local
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                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: GB 99
PRIOR FILING DATE: 1999-10-15
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Van Der Petten, Pettru Herman Meria
1772 GO IMMERTON: Transpiric animal model for neurodegenerative disorders
Petersence: Application transporte animals
COMMERT APPLICATION NOVES: 199 59 68 79 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: primer 09-687-731-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1999-
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: alpha-symuclein transgenic animals CURRENT APPLICATION NUMBER: US/09/687,731 CURRENT FILMS DATE: 2000-10-13 PRIOR APPLICATION NUMBER: 0B 9924513.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 6504080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10, Application US/0968773:
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Matches 24; Conserv
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                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: primes
                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WNG : SALL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: prime:
                                                                                    Local Similarity
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                          437 GAAGGGTATCAAGACTACGAACC 459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       526 AAGTGCTCAGTTCCAATGTGCCCA 549
                                                                 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       526 AAGTGCTCAGTTCCAATGTGCCCA 549
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                                                                                                                                                                                                                                                                            Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Van Der Putten, Petrus Herman Maria
VENTION: Transgenic animal model for neurodegenerative disorders
                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.6%; Score 24; DB 1; Length 24;
Llarity 100.0%; Pred. No. 0.89; Length 24;
Conservative 0; Mismatches 0; Indels
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                                                                                1.5%; Score 23; DB 1;
100.0%; Pred. No. 1.1;
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                                                             Mismatches
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                                                                                               Length 23
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                                                                                                                                                                                                                              RESULT 8
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                                                                                                                                              Sequence 82, Application US/09630706
Patent No. 6277640
GENERAL INFORMATION:
NUMBER OF SEQ ID NOS:
SEQ ID NO 82
                                          APPLICANT: C.S. Frank Bennett
APPLICANT: Low, Cowest:
TITLE OF INVENTION: ANTIENSES MODULATION OF HER-3 EXPRESSION
FILE REFERENCE: ETG-003
CURRENT APPLICATION NUMBER: US/09/630,706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6063626
GENERAL INFORMATION:
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LENGTH: 18
                                      CURRENT FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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2000-08-01

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; OTHER INFORMATION: Antisense Oligonucleotide US-09-213-768-21
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Best Local Similarity
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SEQ ID NO 21
                                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0069
CURRENT APPLICATION NUMBER: US/09/339,775
CURRENT FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lex M. Cowsert
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CURRENT FILING DATE: 1998-12-17
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TITLE OF INVENTION: AVTISENSE MODULATION OF SENTRIN EXPRESSION
FILE REFERENCE: RTS-0026
                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                            ORGANISM: Artificial Sequence
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                                                                                       Local Similarity
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1 AATGATTGAAGTTTCTGT 18
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                                                                     Conservative
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                                                                               1.0%; Score 14.8; D
88.9%; Pred. No. 6.9;
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                                                                                                                                                    APPLICANT, MOSHINO, TACANO
APPLICANT, COLIN, KASUPALI,
TIPLA ON INVESTIGATION OF COLOR TO THE APPLICANT OF THE APPLIC
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GENERAL INFORMATION:
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Best Local Similarity 88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 30, Application US/09306595C Patent No. 6284506
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Best Local Similarity
                                         SEQ ID NO 30
LENGTH: 18
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EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REPERRNCE: GENSET, 020CP1
CURRENT APPLICATION NUMBER: U5/09/422, 978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gladen, Daniel Marta APPLICANT: Gladenfeld, Marta APPLICANT: Chumakov, Ilya APPLICANT: Chumakov, Ilya APPLICANT: Chumakov, Ilya APPLICANT: Chumakov, Ilya Marta Martares for use in constructing a high density...
                                                                                                                   SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: upstream amplification primer 99-8802 for SEQ 2148
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LOCATION: 1..18
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TYPE: DNA
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Pred. No. 6.9;
0; Mismatches 2;
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. ORGANISM, Artificial Sequence
FEATURE:
OTHER IMPROBATION: Description of Artificial Sequence: Series primer
OTHER IMPROBATION: for cloning of 5'-adjacent region of NVK gene
18-09-306-595C-30
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Oury MacCh 20 19: Score 14.4; DB 1; Longth 18: 
Best Local Schilarity 93.81; Pack MD 7-4; Marches 15; Conservative 0; Mismarches 1; Indels 0; Gape 0; 
Marches 15; Conservative 0; Mismarches 1; Indels 0; Gape 0; 
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FEAVURE INFORMATION: Description of Artificial Sequence: Sense pris
orism information: for clening of 5'-adjacent region of MYX gene
Us-09-925-38-30

Onery Match 0.91; Score 14.4; DB 1; Length 18;
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Query Mach. 0.9%; Score 14.4; DB 1; Length 18; Beet Local Stallarity 93.6%; Pred. No. 7.4; Matches 15; Conservative 0; Mismatches 1; Indols 0; Caps 1170 QAAGAGGTAGAGAAA 1185
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Sequence:
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DB seq length: 24
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; greater than or equal to the score of the result being printed 
s derived by analysis of the total score distribution.
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198, App 235, App 236, App 57, Appl 9, Appl 10, Appl 23, Appl	235,	197,	192,	131,	125,	69,	39	26,	131,	125	69,	39	26,	251	349	333	325	309	293	291	283	275	271	263	255	291	283	275	271	263	255	247	245	222	220	216
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RESULT 1 US-10-698-31 US-10-698-31 Publication GENERAL IN APPLICANT APPLICANT		1406 6 C1407 6 1408 6				1399	c1397	1395 c1396	1394	c1392	1391	c1389	1387 C1388	1386	c1384	1382 7	c1380 7	1379 7	c1377 7	1375 7 c1376 7	1374	c1372	1371	c1369	1367 7 C1368 7	c1366	c1364	c1362	1361	c1359	1358	1356	1354	c1352	1350	1348
RESULT 1 US-10-698-311-249 Sequence 249, App Publication No. 1 GENERAL INFORMATI APPLICANT: STAP APPLICANT: MCS		555	o o 4 80	6 6 8 8	6.89	7	. 7	7 7	7	<b>.</b>	7 -	17	<b>7</b> 7	1-7 -		7.2	7.2	7.2	7.2	7.2	7.2	1 1	7.2	2 2 2	7.4	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
RESULT 1 US-10-688-311-249 / Sequence 249, Applicati / Publication No. UB20040 / Publication No. UB20040 / Publication No. UB20041 / APPLICANT: Sitra There / APPLICANT: McSwiggen,		000	6.8	6.8 8 8	6.8 0	7 .	17	7 7	7 0	11	7 .	17	77	17.	141	7.2	7.2	7.2 0	7.2	7.2	7.2	7.2	7.2	2 2 2	7.4	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
RESULT 1 US-10-698-311-249 US-10-698-311-249 Jengwarde 249, Application U Jengwarde 149, Application U Jengwarde 149, Application Woods 1		6.44	6.4 0.4	6.8 0.4	6.8 0.5	7 0.5	7 0.5	7 0.5	7 0.5	7 0.5	7 0.5	7 0 5	7 0.5	7 0.5	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7.2 0.5	7.2 0.5	7.2 0.5	7.2 0.5	7.2	7.2 0.5	7.2	7.2 0.5	7.2	7.4 0.5	7.4 0.5	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
RESULT 1 US-10-599-311-249 US-10-599-311-249 APPLICATION US/10 APPLICATION SITES THE		6.4 0.4 19 1 6.4 0.4 19 1 6.4 0.4 19 1	6.8 0.4 19 1 6.4 0.4 19 1	6.8 0.4 19 1 6.8 0.4 19 1	7 0.5 21 1 6.8 0.4 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5 19 1	7 0.5	7.2 0.5 19 1	7.2 0.5 19 1 7.2 0.5 19 1	7.2 0.5 19 1	7.2 0.5 19 1	7.2 0.5 19 1 7.2 0.5 19 1	7.2 0.5 19 1	7.2 0.5 19 1	7.2 0.5 19 1 7.2 0.5 19 1	7.2 0.5	7.4 0.5 21 1	7.4 0.5 17 1	7.4 0.5	7.4 0.5 19 1	7.6 0.5 20 1	7.6 0.5 19 1	7.6 0.5 19 1 7.6 0.5 19 1	7.6 0.5 19 1	7.6 0.5 19 1	7.6 0.5	7.6 0.5 19 1	7.6 0.5 19 1 7.6 0.5 19 1
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US-10-698-311-250
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SEQ ID NO 249
                                                     METORS FILLMES DATE: 0000-02-20
PRICES APPLICATION NUMBER: US 60/259.580
PRICES PLILME DATE: 0002-02-20 0/35,124
PRICES APPLICATION NUMBER: US 60/359.124
PRICES APPLICATION NUMBER: US 60/359.793
PRICES APPLICATION NUMBER: US 60/359.795
PRICES APPLICATION NUMBER: US 60/359.795
PRICES APPLICATION NUMBER: US 60/359.795
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Publication No. US20040219671A1
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PRIOR PILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 66/358,580
PRIOR PILING DATE: 2002-02-20
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PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT PILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                          REPLICANT: (Hamberli, Peter
APPLICANT: Chowfitta Bhazel
TITLE OF INVENTION: BAX Interference Mediated Treatment of Parkinson Disease
TITLE OF INVENTION: Short Interfering Nucleic Acid (sINA)
FILE REPERBNCE: 400/127 (MSHED):158-6
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MCSwi
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                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US03/05028
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nes 17; Conserv
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R APPLICATION NUMBER: US 60/408,378
R FILING DATE: 2002-09-05
R APPLICATION NUMBER: US 60/409,293
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FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
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APPLICATION NUMBER: US 60/406,784
                 APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
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Chowrira, Bharat
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Pred. No. 62;
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION KUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR SPILINGTON UNBERS: US 60/440,129
PRIOR FILING DATE: 2003-01-13
MUNIBER: 01 800 10 10 NS: 310-7
MUNIBER: 01 800 10 NS: 310-7
MUNIBER: 01 800
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SEQ ID NO 250
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ORGANISM: Artificial Sequence
FEATURE:
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Pred. No.
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US-10-698-311-251
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TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION; Short Interfering Mucleic Acid (sink) FILE REFERENCE, 400/137 (MRHEN)-198-3).
CURRENT APPLICATION NUMBER: US/10/698,311
                                                                                                                  APPLICANT:
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                                                                                                                                                           APPLICANT: Sirna Therapeutics,
                                                                                                APPLICANT:
                                                                                                Chowrira, Bharat
                                                                                                                  McSwiggen, Jame
Haeberli, Peter
                                                                                                                                                                                                             Application US/10698311
b. US20040219671A1
                                                                                                                                                                    inc
                                                                                  Parkinson Disease Using
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CURRENT FILING DATE: 2003-10-3

PRION PRINCIPATION NUMBER: PCT/US03/05028
PRION PRINCIPATION NUMBER: PCT/US03/05028
PRION REPLICATION NUMBER: US 67/358.580
PRIOR PRILAY DESCRIPTION NUMBER: US 67/35.124
PRIOR REPLICATION NUMBER: US 67/35.124
PRIOR REPLICATION NUMBER: US 67/35.124
PRIOR REPLICATION NUMBER: US 67/36.782
PRIOR REPLICATION NUMBER: US 67/36.782 PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION MUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09 PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03 PRIOR FILING DATE: 2003-01-15 PRIOR APPLICATION NUMBER: US 60/440,125 PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29 PRIOR APPLICATION NUMBER: 60/399,348

SOFTWARE: PatentIn version 3.2 SEQ ID NO 251 LENGTH: 23 NUMBER OF SEQ ID NOS: 310 ORGANISM: Artificial Sequence

US-10-698-311-251 Description of Artificial Sequence: Target Sequence/siNA

Query Match
Best Local Similarity 60:
Matches 14; Conservative 1.5%; Score 23; DB 1; Length 23; 60.9%; Pred. No. 62; ative 9; Mismatches 0; Indels

Gaps 0

Bense

GTAGCAGGGTCTTTGTGTGCTGT 695

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US-10-861-060-249
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Publication No. US20050137155A1
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Best Local Similarity
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LENGTH: 23
                                    APPLICANT: Medicipen James APPLICANT: Medicipen James APPLICANT: Medicit; Petr APPLICANT: Medicit; Petr APPLICANT: APPLICANT: Medicite Transment of Parkinson Disease Using PROPERTY OF MAINTENANCE PROPERTY OF MEDICIPE APPR
             CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                         APPLICANT: Sirna Therapeutics,
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-07-03
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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                                                                                                                                                                                                                                                                                                                                                                                                         1335 CCTTCAATCCTGTCAATGTTTGC 1357
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APPLICATION
                  FILING DATE: 2003-10-31
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SEQ ID NO 249
LENGTH: 23
                                                                                             Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-01-14
ORGANISM: Artificial
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PRIOR FILING DATE: 2004-04-16
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FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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FILING DATE: 2003-11-24
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FILING DATE: 2003-10-31
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     Sequence
                                                                                                                                                                                                                                                                                                                                                           PCT/US03/05346
                                                                                                                                                 See File Wrapper or PALM
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## US-10-861-060-249 Best Local Similarity Query Match OTHER INFORMATION: Description of Artificial Sequence: Conservative 73.9%, 6; Mismatches Pred. No. 62 DB 1; Length 23 0; Indels Target Sequence/siNA sense re 0 Gaps

## US-10-861-060-250 Sequence 250, Application US/10 Publication No. US20050137155A1 389 GATATGCCTGTGGATCCTGACAA 411 1 GAUAUGCCUGUGGAUCCUGACAA 23 Application US/10861060

TITLE OF INVENTION: RAW Interference Mediated Treatment of FITTLE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REFERENCE: 400/122 (MEMBAG-192-A) CURRENT APPLICATION NUMBER: ub/10/66,060 CURRENT FILLING DATE: 2004-06-03 Hasberli, Peter Chowrira, Bharat Parkinson Disease Using

PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: PCT, PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346 PRIOR APPLICATION NUMBER: US 10/698311 PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR FILING DATE: 2003-11-24 PRIOR APPLICATION NUMBER: US 10/693,059 PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448 PRIOR RELICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16

NUMBER: PCT/US04/13456

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US-10-861-060-251
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LENGTH: 23
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Best Local Similarity 78.3%;
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                                                                                      Matches
                                                                                                                                                                                                                                                                                                                 SEQ ID NO 251
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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FILS REFERENCE: 400/162 (MBHB04-372-A)
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/444,853
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                                                                                                                                                                                                                                                                    TYPE: RNA
                                                                                                                                                                                                                                                                                          LENGTH: 23
                                                                                                             Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US03/05028
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                                         673 GTAGCAGGGTCTTTGTGTGCTGT 695
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Haeberli, Peter
Chowrira, Bharat
GUAGCAGGGUCUUUGUGUGCUGU 23
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                                                                                      Conservative
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Pred. No.
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Pred. No.
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US-10-861-060-252
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Publication No. US20050137155A1
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LENGTH: 23
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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APPALONT: Chortra, Bhart
TITLE OF INVESTICA: RNA Interference Mediated Treatment of Parkinson Disease
TITLE OF INVESTICA: Short, Interfering Mucleic Acid (slaw)
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                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/10991286A
Publication No. US20050186591A1
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PRIOR APPLICATION UNMER: US 10/698311
PRIOR FILING DATE: 2001-10-71
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PRIOR APPLICATION NUMBER: US 10/44,853
PRIOR PILING DATE: 2003-05-23
PRIOR PILING DATE: 2003-05-24
PRIOR APPLICATION NUMBER: POT/US03/05346
PRIOR FILING DATE: 2003-05-20
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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APPLICANT: McSwi
    CURRENT REPLICATION NUMBER: US/10/991,286A
CURRENT FILMO DATE: 2004-11-17
PRIOR ARPLICATION NUMBER: ECT/US2004/18271
PRIOR FILMO DATE: 2004-06-09
PRIOR FILMO DATE: 2004-06-09
PRIOR FILMO DATE: 2003-06-09
                                                                                                                                             APPLICANT: Maraganore, Demetrius M.
APPLICANT: Wornlocher, Hans-Peter
TITLE OF INVENTION: METHOD TREATING NEURODEGENERATIVE DISEASE
FILE REFERENCE: 17574-003001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2004-04-30
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                                                                                                                                                                                                                                    Farrer, Matthew J.
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Pred. No.
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US-10-991-286A-8/c
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                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/10991286A
Publication No. US20050186591A1
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    CUMRENT APPLICATION NUMBER: US/10/991,286A
CURRENT FILING DATE: 2006-11-17
PRICE REPLICATION NUMBER: CCT/US2004/18271
PRICE RELING DATE: 2006-66-09
PRICE RELING DATE: 2003-66-09
NUMBER: OF SEC ID NOS: 51
NUMBER OF SEC ID NOS: 51
                                                                                                                                              APPLICANT PARAGE, ABBUTCH AMARCANT PARAGENCE, DEBEN AMARCANT PARAGENCE, HAND-PECE.
TITLE OF INVESTIGAN, METMOD OF TERRING NEURODEGENERATIVE DISEASE
FILE REFERENCE: 11574-013001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
                                                                                                                                                                                                                                                         APPLICANT: Bumcrot, David
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PRIOR FILING DATE: 2004-06-09
PRIOR APPLICATION NUMBER: US 60/476,947
PRIOR FILING DATE: 2003-06-09
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APPLICANT: Farrer,
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Local Similarity 100.0%;
hes 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        203 GCAACAGTGGCTGAGAAGACCAA 225
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Vornlocher, Hans-Peter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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Pred. No.
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62;
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US-10-991-286A-12
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                                                                                                                                                                                                                                            Sequence 54, Application US/10908400A
Publication No. US20050203010A1
GENERAL INFORMATION:
APPLICANT AUGM CO., LTD.
APPLICANT KIM, JORG-Sun
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LENGTH: 23
                                                                                              CURRENT APPLICATION NUMBER: US/10/908,400A
CURRENT FILING DATE: 2005-05-10
PRIOR APPLICATION NUMBER: US 10/713,851
PRIOR FILING DATE: 2003-11-14
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SEQ ID NO 8
NUMBER OF SEQ ID NOS: 105
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APPLICANT: Farrer,
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OTHER INFORMATION: Primer
                                                                                                            ORGANISM: Artificial Sequence
306 GCATTGCAGCAGCCACTGGCTTT 328
                            Conservative
                                      100.0%;
                                    1.5%; Score 23;
100.0%; Pred. No.
                            0
                            Mismatches
                                      .
62
                                                  1; Length 23
                          0; Indels
                          0
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Sequence 12, Application US/10991286A Publication No. US20050186591A1 APPLICANT: Maraganore, Demetrius M. APPLICANT: Vornlocher, Hans-Peter 23 GCATTGCAGCAGCCACTGGCTTT 1 Matthew J. David

PRIOR APPLICATION NUMBER: PCT/US2004/18271
PRIOR FILING DATE: 2004-06-09
PRIOR APPLICATION NUMBER: US 60/476,947
PRIOR FILING DATE: 2003-06-09 FILE REFERENCE: 17574-003001 CURRENT APPLICATION NUMBER: US/10/991,286A CURRENT FILING DATE: 2004-11-17 SOFTWARE: FastSEQ for Windows Version 4.0 NUMBER OF SEQ ID NOS: 51 TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE ORGANISM: Artificial Sequence

Query Match 1.5%; Score 23; DB 1; Length 23; Best Local 8smilarity 100.0%; Pred. No. 62; Matches 23; Conservative 0; Mismatches 0; Indels 354 ATGANGANGGNGCCCCACAGGAA 376 0 Gape

9

TITLE OF INVENTION: Novel peptides conferring environmental stress resistance and TITLE OF INVENTION: fusion proteins including said peptides FILE REFERENCE: 59520-03CIP

PRIOR APPLICATION NUMBER: KR 10-2004-33123 PRIOR FILING DATE: 2004-05-11 PRIOR APPLICATION NUMBER: KR 10-2005-36882 PRIOR FILING DATE: 2005-05-02

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GENERAL IMPOMENTION:
APELCANT: LIAW, CHOONG-Chin
HTTLS CONTROLLED LIVES CHOCKES ROWANDES
TITLS OF INVESTION: LIVES CHOCKES ACCURATE FILLION CONTROLLED LIVES CONTROLLED CONTROLLED LIVES CONTROLL
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CURRENT ELIAN DATE: 2005-05-10
PRICOR APPLICATION NUMBER: US 10/713.851
PRICOR PAPILOCATION NUMBER: US 10/713.851
PRICOR PAPILOCATION NUMBER: US 10-2004-31123
PRICOR MEDILACTION NUMBER: US 10-2004-31123
PRICOR MEDILACTION NUMBER: US 10-2005-36882
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US-10-980-850-41
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LENGTH: 24
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SOFTWARE: KOPATENTIN 1.71
SEQ ID NO 55
LENGTH: 24
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Publication No. US20050203010A1
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Best Local Similarity 95.8%;
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                                                                          SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 22
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APPLICANT AVGAN CO., LTD.
APPLICANT AVGAN CO., LTD.
APPLICANT HUMBHLOW SWAL popules conferring environmental stress resistance and
ATTLE OF INVESTIGAL VISION Process including said peptides
TILE REFERENCE: 29242-0117
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ORGANISM: Artificial
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; Pred. No. 69;
0; Mismatches
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                        Query Match
Best Local Similarity
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; FEATURE:
; OTHER INFORMATION: Forward Primer for SNCA
US-10-980-850-41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-991-286A-10/c
US-10-991-286A-10
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SEQ ID NO 42
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 42, Application US/10980850 Publication No. US20050152908A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
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                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 1.4%; Score 22; DB 1;
Best Local Similarity 100.0%; Pred. No. 83;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER US/10/980,850
CURRENT FILING DATE: 2004.11.03
PRIOR APPLICATION NUMBER: US 60/516,853
PRIOR FILING DATE: 2003.11.03
KUNMER OF SEG_ID NOS: 46
                                                                                                                                                                                                                                                                                                                                                   NIPOCONI MAZIGNOSA, DEMONINA NI NIPOCONI MAZINI NI NIPOCONI MAZINI NI NIPOCONI NI NIPOCONI NI NIPOCONI NI NIPOCONI NI
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Publication No. US20050186591A1
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FILE REFERENCE: 4231/2072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Liew, Choong-Chin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Bumcrot, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                        OTHER INFORMATION: Primer
                                                                                                                 ORGANISM: Artificial Sequence
                                                                                FEATURE:
                                                                                                                                                         TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           345 TOGGCANGANTGANGANGGAGC 366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     426 TGCCTTCTGAGGAAGGGTATCA 447
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22 TGCCTTCTGAGGAMGGGTATCA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TGGGCAAGAATGAAGAAGGAGC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Farrer, Matthew J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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0;

1.4%; Score 21.4; 95.7%; Pred. No. 92;

DB 1;

Length 23;

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; FEATURE:
; OTHER INFORMATION: Primer
US-10-991-286A-5
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CURBENT FILINA DATE: 004/4-11/17
PRIOR MEDILANTION NUMBE: PCT(922004/18271
PRIOR MEDILANTION NUMBE: PCT(922004/18271
PRIOR MEDILANTION NUMBE: US 60/476,947
PRIOR PLINA DATE: 2001-6-0 0
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US-10-991-286A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-991-286A-3
                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bumcrot, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/10991286A
Publication No. US20050186591A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 9 1.4%; Score 21, DB 1, Length 21, Best Local Similarity 81.0%; Pred, No. 1.1e+02; Matches 17; Conservative 4; Missatches 0; Indels
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Publication No. US20050186591A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT PAPLICATION NUMBER: US/0/991,286A
CURRENT FILING DATE: 2004-11-17
PRIOR PAPLICATION NUMBER: NCC-0/192004/18271
PRIOR PAPLICATION NUMBER: US 60/476,947
PRIOR PAPLICATION NUMBER: US 60/476,947
PRIOR PAPLICATION NUMBER: 003
NUMBER: US 60/476,947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: MARGANORO DEMERTINE M
APPLICANT: MARGANORO DEMERTINE M
APPLICANT: VOTALOCHER, HAND-PORCE
TITHS OF IMPRETOR METMOD OF TREATING NUMCHORGENERATIVE DISEASE
FILS REFERENCE: 17574-01300.
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LENGTH: 21
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APPLICANT: Marganore, Demettian M.

APPLICANT: Marganore, Demettian M.

APPLICANT: Marganore, Demettian M.

APPLICANT: Marganore, Demettian M.

FILE REFERENCE: 12574-003001

THE REFERENCE: 12574-003001
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                                                                                                                                                                                                                                                                                                                TYPE: RNA
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y Match 1.4%; Score 21; DB 1; Length 21; Local Similarity 90.5%; Pred. No. 1.1e+02; hes 19; Conservative 2; Mismatches 0; Indels
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CHEENT APPLICATION NOMEM: UN/A/991-2456.
RECENT APPLICATION NOMEM: UN/A/991-2456.
RECENT APPLICATION NOMEM: UN/A/991-2456.
RECENT APPLICATION NOMEM: US 60/476.947
RECOM APPLICATION NOMEM: US 60/476.947
RECOMMENT NOMEM: US 60/476.947
RE
                                                                                                                                                                                      ; OTHER INFORMATION: Primer
US-10-991-286A-9
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US-10-991-286A-9
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                      Query Match 1.4%; Score 21; DB 1; Best Local Similarity 81.0%; Pred. No. 1.1e+02; Matches 17; Conservative 4; Mismatches C
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SEQ ID NO 7
LENGTH: 21
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Publication No. US20050186591A1
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APPLICANT: Farrer, Metchew J.
APPLICANT: Maragenore, Demotrius M.
APPLICANT: Maragenore, Demotrius M.
APPLICANT: Maragenore, Demotrius M.
APPLICANT: Maragenore, Demotrius M.
APPLICANT: MARAGENOR
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Publication No. US20050186591A1
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CURRENT PLILEGION NUMBER: US/10/991,286.6
CURRENT FILING DATE: 2004-11-17
REIGH FILING DATE: 2004-06-09
REIGH FILING DATE: 2004-06-09
REIGH FILING DATE: 2004-06-09
REIGH FILING DATE: 2003-06-09
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APPLICANT: Maraganore, Demerties M.
APPLICANT: Orniochor, Hans-Beter
TITLE OF INVENTION. METHOD OF TRRATING NEURODEGENERATIVE DISEASE
                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
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                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 21
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Local Smilarity 71.4%; Pred. No. 1.1e+02;
hes 15; Conservative 6; Mismatches 0; Indels
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RESULT 22
US-10-991-286A-11
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                                                                                                                                                         , OTHER INFORMATION: Description of Artificial Sequence: PCR primer US-10-037-519A-2
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SOCTEMBE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 21
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                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/037,519A
CURRENT FILING DATE: 2002-01-03
NUMBER OF EGO LI NOS: 4
SOFTWARE: PREENTIN Ver. 2.1
SEQ TU NO
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/10037519A
Publication No. US20030027210A1
GENERAL INFORMATION:
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Publication No. US20050186591A1
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Best Local Similarity 100.0%;
                                                                                                                    Query Match
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APPLICANT: 119/in, Sergey
APPLICANT: Mariamin, baniscl
APPLICANT: Mariamin, Carloss
PILE REPRESENCE ORT-1550
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CURRENT FILING DATE: 2004-11-17
PRIOR APPLICATION NUMBER: PCT/US2004/18271
PRIOR RILING DATE: 2004-06-09
PRIOR RILING DATE: 2004-06-09
PRIOR RILING DATE: 2004-06-09
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APPLICANT: Wornlocher, Hans-Peter
TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
FILE REFERENCE: 17574-003001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Bumcrot,
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                                                                                                                                                                                                 ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                    Local Similarity
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                                        528 GIGCICAGITCCAATGIGCC 547
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    GIGCTCAGTTCCAATGIGCC 1
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                                                                                Conservative
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                                                                                                1.3%; Score 20;
100.0%; Pred. No.
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100.0%; Pred. No. 1.1e+0
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                                                                                                    DB 1; Length 20,
1.5e+02;
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RESULT 24

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, GENERAL INFORMATION:
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APPLICATION INTERPRETATION: Electric curvesting for Anti-Amyloidogenic Properties and Method 1711 69 ANDRESCAN.
THIRD OF ANDRESCAN. TRANSPART OF BRUNCHOSPERSTAL REFERENCE, SEAT-POINT AND CHRESCAN APPLICATION ENGRES: HS/10/204.317A
CORRESC APPLICATION ENGRES: HS/10/204.317A
CORRESC APPLICATION ENGRES 105/10/201.571
STOR BETHE DESCRIPTION OF A 1970.31.571
STORE BETHE DESCRIPTION OF A 197
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Publication No. US20040101867A1
                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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LENGTH: 20
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Publication No. US20040128706Al
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CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: PCT/HB00/01127
RRIOR RILING DATE: 2000-08-16
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Publication No. US20040226056A1
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Best Local
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APPLICANT: Heichean, Karen
TITLE OF INVESTIGN: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS AND
TITLE OF INVESTIGN: DISEASES
FILE REFERENCE: 1600.24
                                                                                                                                                                                                                        APPLICANT: MYRIAD GENETICS, INC
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20; Conservative 0
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100.0%; Pred. No.
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100.0%; Pred. No. 1.5e+
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PRIOR APPLICATION MUNICIPAL SO/11554
PRIOR PLING MUNICIPAL SO/11554
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PRIOR PRIOR MUNICIPAL SO/11554
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PRIOR PRILING MUNICIPAL SO/11554
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US-10-776-013-180
                        NUMBER OF SEQ ID NOS: 695
SOFTWARE: Patentin version 3.2
SEQ ID NO 181
LENGTH: 20
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PRIOR FILIMO DATE: 1399-65-30
PRIOR PELIMO DATE: 1399-65-30
PRIOR REPLICATION NUMBER: 69/97072
PRIOR FELIMO DATE: 2001-10-12
PRIOR PELIMO DATE: 2001-10-12
PRIOR FILIMO DATE: 2001-0-17
PRIOR FILIMO DATE: 2007-0-15
PRIOR FILIMO DATE: 2007-15
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Publication No. US20040226056A1
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CURRENT PILLING DATE: 2004-02-09
PRIOR ADDITIONAL
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 180
                                                                                                              PRIOR APPLICATION NUMBER: 60/304775
PRIOR FILING DATE: 2001-07-13
                                                                                                                                                         PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 10/194967
PRIOR FILING DATE: 2002-07-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/948904
PRIOR FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: 09/466139
PRIOR FILING DATE: 1999-12-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: MYRIAD GENETICS, INC
APPLICANT: Roch, Jean-Marc
APPLICANT: Barrel, Paul
APPLICANT: Heichman, Karen
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PRIOR APPLICATION NUMBER: 60/124120
PRIOR FILING DATE: 1999-03-12
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PRIOR FILING DATE: 1999-12-21
PRIOR APPLICATION NUMBER: 60/113534
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PRIOR FILING DATE: 2001-09-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         38 TCATTAGCCATGGATGTATT 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20;
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Similarity 100.0%;
20; Conservative
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                                                                                                                                                                                                                                                     RESULT 29
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US-10-776-013-182/c
                                                                                                                                                    Sequence 11, Application US/10344124
Publication No. US20040101867A1
GENERAL INFORMATION:
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local
TITLE OF INVENTION: Use of microbial DNA sequences for the identification TITLE OF INVENTION Of diseases FILL REPERSONCE 11201/15 CURRENT PETLATOR NUMBER: US/10/344,124 CURRENT FILLING DATE: 2003-02-07
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                                                                                                                                 APPLICANT: Fritzsche, Markus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/304775
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 695
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bartel, Paul
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Similarity 100.0%; Pred. No.
20; Conservative 0; Mismatci
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Mismatches DB 1; L

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Length 20

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PRIORAPPICATION INCHES: 09/49904
PRIOR PILIPO DES TOOL 09-10
RICER PILIPO DES TO
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Publication No. US20040226056A1
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CURRENT FILING DATE: 2004-02-09
                                                                                                                                                                                                                                                                                                                                             TITLE DE INVENTION: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS FILE REFERENCE: 1500.24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MYRIAD GENETICS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   y Match 1.3%; Score 20; DB 1;
Local Similarity 100.0%; Pred. No. 1.5e+0
hes 20; Conservative 0; Mismatches
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US-10-698-311-1
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PRICE PLINE APPLICATION UNDER: UCC.-67.409,784
PRICE APPLICATION UNDER: UCC.-67.406,784
PRICE PLINE APPLICATION UNDER: UCC.-67.408,378
PRICE PLINE APPLICATION UNDER: UCC.-67.409,283
PRICE PLINE APPLICATION UNDER: UC.-67.409,283
PRICE APPLICATION UNDER: UC.-67.409,283
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SOFTWARE: Patentin Ver. 2.1
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PRIOR FILING DATE: 2000-08-16
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Best Local :
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2002-09-09
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es 19; Conservative 0
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                                                                                                                      AGTGGCCATTCGACGACAG 21
                                                   AGUGGCCAUUCGACGACAG 19
                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                             1.24;
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Pred. No. 2e+02;
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Pred. No. 2e+02;
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Best Local Similarity
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Publication No. US20040219671A1
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                                                                                                                                                                                                       SENICION: Sira interpention Inc.
MPLICON: Sira interpention Inc.
MPLICON: Mobiding James
APLICON: MOBIGING JAMES
APLICON: MOBI
PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/363,124 PRIOR FILING DATE: 2002-03-11
                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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ORGANISM: Artificial Sequence
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1 GUGUGGUGAAAGGAAUUC 19
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1.2%; Score 19; DB 1; 68.4%; Pred. No. 2e+02; Mismatches

0; Indels Length 19

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Parkinson

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PRICES PLINE DATE: 2002-07-29
PRICES APPLICATION NUMBER: US 60/406,784
PRICES PLINE DATE: 2002-08-29
PRICES PLINE DATE: 2002-08-29
PRICES PLINE DATE: 2002-09-05
PRICES PLINE DATE: 2002-09-05
PRICES PLINE DATE: 2002-09-03
PRICES PLINE DATE: 2002-0
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Publication No. US20040219671A1
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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PRIOR FILING LATE: 2002-06-06
PRIOR APPLICATION NIMERR: US 60/393,796
PRIOR APPLICATION NIMERR: 00/399,348
PRIOR APPLICATION NOMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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                                                                                                                                                                      NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-01-15
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REIOR MEPLICATION INSPERS PCT/US03/05028
RRIOR MEPLICATION INSPERS 103 0-62-20
RRIOR MEPLICATION MEMBER: US 60/350,550
RRIOR MEPLICATION MEMBER: US 60/351,124
RRIOR MEPLICATION MEMBER: US 60/351,124
RRIOR MEPLICATION MEMBER: US 60/351,72
RRIOR MEPLICATION MEMBER: US 60/366,782
RRIOR MEPLICATION MEMBER: US 60/366,782
RRIOR MEPLICATION MEMBER: US 60/366,782
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                                                    SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 19
                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                       PRIOR RIPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR RAPPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,283
                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILINA DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,346
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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CORBERT FILID ONE; 2011,1971,1976-99, 311
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Publication No. US20040219671A1
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SEQ ID NO 3
LENGTH: 19
                                                                                                                                   NUMBER OF SEQ ID NOS: 310
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PRIOR FILING BATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
ORGANISM: Artificial Sequence
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FILING DATE: 2002-09-09
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Mismatches
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GENERAL INFORMATION: APPLICANT: Sirna Therapeutics,

APPLICANT:

McSwiggen, James

Sequence 6, Application US/10698311 Publication No. US20040219671A1

US-10-698-311-6 RESULT 35 US-10-698-311-5

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

Target Sequence/siNA sense

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Matches Best Local Query Match

Similarity

84.21;

Score 19; DB 1; Length 19; Pred. No. 2e+02; 3; Mismatches 0; Indels

0

Gaps

0

Conservative

75 AGGCCAAGGAGGAGTTGT 93

AGGCCAAGGAGGGAGUUGU 19

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US-10-698-311-5
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                                                                                       SEQ ID NO S
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                              PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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TITLE OF INVESTION: NAM Interference Mediated Transment of
TITLE OF INVESTION: Nam Interfering Muddic Acid (six)
TITLE OF INVESTION: Short Interfering Muddic Acid (six)
OTHER MET REAL OF ACID (MEDIATE ) 198-1
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                                                                                                           SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
TYPE: RNA
ORGANISM: Artificial Sequence
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PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-02-20
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Pred. No.
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Chowrira, Bharat

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US-10-698-311-7
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-08-05
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386.782
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PRIOR FILING DATE: 2003-02-20
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TITLE OF INVENTION: Short Interfering Nucleic Acid (#INA)
TILE REFERENCE: 400/13 [MBHH9]: 49-A)
                                                                                                                                                                                                                                          PRICES HAPLICATION NUMBER: PCT/UEG3/05028
PRICES PILLING DURIS: 2001-07-0
PRICES PILLING DURISER: US 60/386,782
PRICES PILLING DURISER: US 60/386,782
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APPLICANT: McSwiggen, James
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                                                                        PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 6
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/3
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ORGANISM: Artificial Sequence
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FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
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FILING DATE: 2002-06-06
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                                    APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
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                                                                                                                                                                           US 60/393,796
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Pred. No. 2e+02;
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/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-688-311-7
US-10-698-311-8
                                                                                                                                   1.2%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                    SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                             111 CCAAACAGGGTGTGGCAGA 129
                                                                           CCANACAGGGUGUGGCAGN 19
                                                                                                                                                                         Score 19;
Pred. No.
                                                                                                                                                      Mismatches
                                                                                                                                                                             26+02
                                                                                                                                                                                            DB 1;
                                                                                                                                                                                            Length 19
                                                                                                                                                          0
                                                                                                                                                          Gaps
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GENERAL INFORMATION: Sequence 8, Application US/10698311 Publication No. US20040219671A1 APPLICANT: APPLICANT: Sirna Therapeutics, McSwiggen, Jame Haeberli, Peter

APPLICANT: Chowrita, Bharat TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/137 (MBHBO3-198-A) Parkinson Disease Bursh

PRIOR MEPLICATION NUMBER: UB 60/388,580
PRIOR FILMO NATE: 2002-07-20
PRIOR MEPLICATION NUMBER: UB 60/363,124
PRIOR MEPLICATION NUMBER: UB 60/366,782
PRIOR MEPLICATION NUMBER: UB 60/393,796
PRIOR MEPLICATION NUMBER: UB 60/393,796 CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR APPLICATION UNBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348

PRIOR FILING DATE: 2002-07-29
PRIOR PRILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR PRIOR

SEQ ID NO 8

US-10-698-311-8 OTHER INFORMATION: Description of Artificial Sequence: TYPE: RNA ORGANISM: Artificial Sequence FEATURE:

Target

Sequence/siNA sense

Gaps

0

Query Match 1.3 Best Local Similarity 100 Matches 19; Conservative 1.2%; Score 19; DB 1; Length 19; 100.0%; Pred. No. 2e+02; tive 0; Mismatches 0; Indels 0

129 AAGCAGCAGGAAAGACAAA 147

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US-10-698-311-10
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                                                                                                                                                                                                                                     Sequence 10, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                      APPLICANT: Mediagne, James
APPLICANT: Medial, Peter
APPLICANT: Chowrits, Bhazt, Peter
TITLE OF EXMENTION: Short Interference Mediated Treatment of Parkinson Disease Using
TITLE OF EXMENTION: Short Interfering Mucieke Acid (slw)
TITLE MEDIATION: Short Interfering Mucieke Acid (slw)
TITLE AMERICANI, AND JAMES (Slab)
                                                                                                                                      APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
PRIOR RPILING DATE: 2002-08-05
PRIOR FILING DATE: 2002-09-05
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    CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
ORGANISM: Artificial Sequence
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sINA)
FILE REPERENCE: 400/137 (MSH803-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: McSwiggen,
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.24;
Local Similarity 63.24;
hes 12; Conservarion
                                                                                                                                                                                                                                                                                                                                                                                                   147 AAGAGGGTGTTCTCTATGT 165
                   APPLICATION NUMBER: US/10/698,311
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2003-10-31
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US-10-698-311-10
                                                                                                            SEQ ID NO 10
LENGTH: 19
                                                                                                                                                            SOFTWARE: Patentin version 3.2
                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                          PEATURE:
                                                             ORGANISM: Artificial Sequence
                                                                                         TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/393,796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/386,782
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              Description of Artificial Sequence: Target Sequence/siNA sense
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Matches
                                                                          Query Match
                                                Local Similarity 89.5%;
nes 17; Conservative
                         165 TAGGCTCCANAACCAAGGA 183
1 UNGGCUCCAMARCHAGGA 19
                                                2; Mismatches
                                                             Score 19;
Pred. No.
                                                                        DB 1; Length 19
                                                Indels
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                                              Gaps
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US-10-698-311-11 GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James Sequence 11, Ap Publication No. Application US/10698311 US20040219671A1

APPLICANT:

TITLE OF INVENTION: ENA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
THILE REFERENCE: 40/137 1488803-198-31
CÜRENT APPLICATION NAMER: 18/10/588/311
CÜRENT FILMA DATE: 2003-10-31 APPLICANT: Haeberli, Peter Chowrira, Bharat

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796 PRIOR APPLICATION NUMBER: US 60/363,124 APPLICATION NUMBER: 60/399,348

FILING DATE: APPLICATION NUMBER: US 60/440, 129 APPLICATION NUMBER: US 60/409,293 2003-01-15

Parkinson Disease Using

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RESULT 41
US-10-698-311-12
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SEQ ID NO 12
LENGTH: 19
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Publication No. US20040219671AJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/406,784
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ORGANISM: Artificial Sequence
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Local Similarity 73.7%;
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APPLICATION NUMBER: US 60/393,796
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Pred. No. 2e+02;
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Pred. No. 2e+02;
3; Mismatches
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Publication No. US20040219671A1
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File Sergeance: 400/17 (Memos)-189-11
File Sergeance
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PRIOR APPLICATION NUMBER: US 60/363,124
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APPLICANT: Chowrita, Bharat
TITLE OF INVENTION: AN Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
                                                                        TITLE OF INSURTING NAM. Indecteneous Mediated Treatment of Parkinson Disease ITILE OF INSURTING S. Short Interference Mediated Grad (SIAN) PLAN ENGINEERS (1997) S. Short Interference ITILE SECRETARY S. Short Interference ITILE OF INSURED (1998) S. Short Interference ITILE OF INSURED (1998) S. Short ITILE OF ITILE OF INSURED (1998) S. Short ITILE OF ITILE 
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-03
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrita, Bharat
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/386,782
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Pred. No.
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Target

Sequence/siNA sense

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RESULT 42

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PRICE APPLICATION UNDER: US 60/393,796

PRICE PLINE DATE: 2002-07-03

PRICE PLINE DATE: 2002-07-03

PRICE PLINE DATE: 2002-07-29

PRICE PLINE DATE: 2002-07-29

PRICE PLINE DATE: 2002-08-20

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Best Local Similarity
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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Publication No. US20040219671A1
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SEQ ID NO 14
                                                                                                   SOFTWARE: Patentin version 3.2
                                                                                                                           NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2003-02-20
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PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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APPLICANT: Chowrira, Bharat
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TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/409,293
APPLICATION NUMBER: US 60/409,293
APPLICATION NUMBER: US 60/440,129
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Pred.
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US-10-698-311-17

1 CAGUAGCCCAGAAGACAGU 19

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GENERAL INFORMATION: Sequence 17, Application US/10698311 Publication No. US20040219671A1

APPLICANT: Sirna Therapeutics,

McSwiggen, Jame Haeberli, Peter

APPLICANT:

APPLICANT:

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OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
US-10-698-311-16
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                                                                                                                                                                                                                                                                            SEQ ID NO 16
                                               Best Local Similarity
Matches 17; Conserva
                                                                                         Query Match
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: Chowstra, Bharet
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
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PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-09-05
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APPLICANT: McSwi
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273 CAGTAGCCCAGAAGACAGT 291
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    Application US/10698313

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                                               Conservative
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2e+02;
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APPLICANT: Chowrira, Bharat

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US-10-698-311-18
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SEQ ID NO 17
LENGTH: 19
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FILE REFERENCE: 400/197 (MBH09-138-A)
CURRENT APPLICATION KUMBER: US/10/698,311
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PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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                                                                                                          PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: BUA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sika) File Regregates: 400/137 (MSH09)-198-A)
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                                 PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
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                   FILING DATE: 2002-07-29
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APPLICATION NUMBER: US 60/406,78
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Chowrira, Bharat
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Pred. No. 2e+02;
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FILING DATE:

US-10-698-311-19

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

Target

Sequence/siNA sense

TYPE: RNA ORGANISM: Artificial Sequence

Matches 14; Conservative

Local Similarity

1.2%; Score 19; DB 1; Length 19; 73.7%; Pred. No. 2e+02; tive 5; Mismatches 0; Indels

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/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-658-311-18
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SEQ ID NO 18
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Matches 14; Conserv
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 19
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PRICE APPLICATION NUMBER: US 60/440,129
PRICE FILING DATE: 2003-01-15
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
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REPLICANT. Chortito, Bharat.
Replicant of HAWRITON: Bhort Interfering Nucleic Acid (#IAN)
TILE OF HAWRITON: Short Interfering Nucleic Acid (#IAN)
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                                                                                        PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
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Pred. No.
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US-10-698-311-21
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FRICOR MERICICATION NOMERS: US 60/325, 500
FRICOR MERICICATION NOMERS: US 60/325, 500
FRICOR MERICIAN USUS 0.25, 0.25, 0.25
FRICOR MERICIAN USUS 0.25, 0.25, 0.25, 0.25
FRICOR MERICIAN USUS 0.25, 0.25, 0.25, 0.25, 0.25
FRICOR MERICIAN USUS 0
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Publication No. US20040219671A1
GENERAL INFORMATION:
                        MEDICANT, Mediagen, James
APPLICANT, Obsert, Beart
APPLICANT, Obsert, Beart
APPLICANT, Obsert, Beart
APPLICANT, Obsert
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SEQ ID NO 20
LENGTH: 19
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            PRIOR APPLICATION NUMBER:
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PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PLING DATE: 2002-09-09
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Publication No. US20040219671A1
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APPLICANT: Chowrira, Bharat
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APPLICANT: McSwiggen, James
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les 17; Conserv
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FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
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PCT/US03/05028
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Pred. No. 2e+0
2; Mismatches
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA US-10-698-311-21
                                                                                                                      NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 21
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PRIOR APPLICATION NUMBER: US 60/440,125
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                                          FEATURE:
                                                      ORGANISM: Artificial Sequence
                                                                                TYPE: RNA
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                                                                                                 LENGTH:
                                                                                                                                                                                 FILING DATE: 2003-01-15
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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RILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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FILING DATE: 2002-07-03
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FILING DATE: 2002-06-06
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FILING DATE: 2002-03-11
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Query Match 1.2%; Best Local Similarity 94.7%; Pred. Score 19; Pred. No. 2e+02; DB 1; Length 19.

18,

Conservative

1, Mismatches

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US-10-698-311-22 GENERAL INFORMATION Sequence 22, Application US/10698311 Publication No. US20040219671A1 APPLICANT: APPLICANT: Sirna Therapeutics, McSwiggen, Jame Haeberli, Peter

TITLE OF INVENTION: BRA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sinn) PILE REFERENCE: 400/137 (MEHB03-198-A) GURRENT APELICATION NUMBER: US/10/598,311 CURRENT FILING DATE: 2003-10-31 APPLICANT: Chowrira, Bharat Parkinson Disease Using

PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-66 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348 PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15 PRIOR FILING DATE: 2002-09-05 PRIOR APPLICATION NUMBER: US 60/409,293 OF SEQ ID NOS: 310

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US-10-698-311-23
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RESULT 53
US-10-698-311-24
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Publication No. US20040219671A1
GENERAL INFORMATION:
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SEQ ID NO 22
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Best Local Similarity 78.9%;
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LENGTH: 19
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CURRENT FILING DATE: 2003-10-31
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ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-03-11
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FILING DATE: 2002-07-03
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Haeberli, Peter
Chowrira, Bharat
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63.2%; Pred. No. 2e+02;
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Pred. No. 2e+02;
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US-10-698-311-24
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Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 54
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Publication No. US20040219671A1
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                                                                                                                                         CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                      TYTES OF INVENTION: BAN Interference Mediated Treatment of TITLE OF INVENTION; Short Interfering Nucleic Acid (siMA) FILE REFERENCE: 400/137 (MERSHO:188-24) Successful Mediate (MERSHO:188-24) MERSHO:100/138-24)
                                                                                                                                                                                                                                                                                            APPLICANT: Sirma Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Hasberli, Peter
APPLICANT: Chownira, Bharat
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                                                                                PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
                                                                                                                        PRIOR APPLICATION NUMBER: US 60/358,580
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Local Similarity 63.2%;
             FILING DATE: 2002-03-11
APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
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7; Score 19; DB 1; Pred. No. 2e+02; Mismatches

Length 19

0; Gaps

Parkinson Disease Using

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ABPLICANT: Sithe Hearqueties, No.
ABPLICANT: Sithe Hearqueties, No.
ABPLICANT: Solution and State of S
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PRICON PRICON PRICON PRICON PRICON APPLICATION NUMBER: US 66/363,124
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SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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Query Match
Best Local Similarity
Warches 16; Conserve
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US-10-698-311-25
                                                                                                                              SEQ ID NO 2
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Publication No. US20040219671A1
                                                                                                                                                      SOFTWARE: Patentin version 3.2
                                                                                                                                                                               NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                       PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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CURRENT FILING DATE: 2003-10-31
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17718 OF INVESTION: RNA Interference Mediated Treatment of Parkinson Disease Using
17718 OF INVESTION: Short Interfering Nucleic Acid (sika)
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PRIOR APPLICATION KNOBER, US 60/406,784
PRIOR APPLICATION KNOBER, US 60/406,784
PRIOR APPLICATION KNOBER, US 60/408,378
PRIOR APPLICATION KNOBER, US 60/408,378
PRIOR APPLICATION KNOBER, US 60/409,283
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: US 60/440,129
    OTHER INFORMATION: Description of Artificial Sequence:
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NUMBER OF SEQ ID NOS: 310
                                                     ORGANISM: Artificial Sequence
                                                                                                          ENGTH:
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FILING DATE: 2002-07-03
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84.2%; Pred. No.
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                                                                                                                                                                                             RESULT 57
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                                                                                       Sequence 28, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
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Matches Query Match Best Local

Similarity

1.21;

Pred. No. 2e+0 7; Mismatches

26+02;

DB 1;

Length 19

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Gaps

Conservative

471 AMATATCTTTGCTCCCAGT 489

AAAUAUCUUUGCUCCCAGU 19

APPLICANT: Sirna Therapeutics,

APPLICANT: APPLICANT:

Chowrira, Bharat McSwiggen, James Haeberli, Peter

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US-10-698-311-27
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                                                                                                            SEQ ID NO 27
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GENERAL INFORMATION
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Best Local Similarity
                                                                                                                                  SOFTWARE: PatentIn version 3.2
                                                                                                                                                                    PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION. ENA Interference Mediated Treatment of TITLE OF INVENTION. Short Interfering Notatio Acid (SIM). PILE REFERENCE: 400/127 (MEMBRO: 198-3).
CIRRENT APPLICATION KIMSHER (MES/OV-88).3111
CURRENT FILING DATE: 2003-10-31.
                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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    FEATURE:
OTHER INFORMATION:
                                               ORGANISM: Artificial Sequence
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                                                                                                                                                            OF SEQ ID NOS: 310
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Chowrira, Bharat
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No. US20040219671A1
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Description of Artificial Sequence: Target Sequence/siNA sense re
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US-10-698-311-29
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APPLICANT: Sina Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Chowrita, Bharat
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LENGTH: 19
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TITLE OF PHENETICH: Short Interfering No.def Acid (sIAA)
TITLE REFERENCE: 601/17/18/8807-158-81
CHESET APPLICATION MOMENT: 05/10/58/3/11
CHESET FILMS ONLY: 260-26-3/1
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Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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PRIOR TILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                     TITLE OF INNOWITON: DAN interference Mediated Treatment of Parkinson Disease
TITLE OF INNOWITON: Short Interfering Nucleic Acid (sixh)
TITLE REFERENCE. 40(1)17 (MBHB0)-188-4)
CHRESHT APPLICATION NUMBER: UBJ.07-88, 111
CHRESHT EFILING DATE: 20(9)-10-511/589, 111
                                                                                            PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2003-02-20
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                                                          PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 2002-07-29
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                                         PRIOR APPLICATION NUMBER: US 60/406,784
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APPLICATION
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    NUMBER: US 60/408,378
                    2002-08-29
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                                                                                   60/399,348
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                                                      Matches
                                                                       Query Match
Best Local Similarity
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, OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-29
; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-30
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Matches 13; Conservative
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 29
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Publication No. US20040219671A
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                         SEQ ID NO 30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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CURRENT APPLICATION NUMBER: US/10/698,311
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                    ORGANISM: Artificial Sequence
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                                                  FEATURE:
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FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
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Pred. No. 2e+0
6; Mismatches
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525 CAAGTGCTCAGTTCCAATG 543

14,

Conservative

5; Mismatches

Indels

0 Gaps DB 1; Length 19;

73.7%; 1.2%; Score 19; DB 1; 73.7%; Pred. No. 2e+02;

CAAGUGCUCAGUUCCAAUG 19

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US-10-698-311-31
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Publication No. US20040219671A1
GENERAL INFORMATION:
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                                         APPLICANT, Chowritz, Bhanz
TITLE OF EMERICAN, Bhanz Interference Mediated Treatment of Parkinson Disease Using
TITLE OF EMERICAN Short Interfering Mouleic Acid (sIAM)
TITLE REFERENCE: 4017/17 (BRIDG)-1981 A
CREATE FAILCANTON DOMESS: US/10/1891)
CREATE TITLED (AND L. 2001-19-1)
PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrize, Bhazat
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
PRIOR REPLICATION NUMBER: US 60/440,129
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Publication No. US20040219671A1
                          PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
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hes 13; Conserv
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5; Mismatches
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US-10-698-311-33

Matches

Guery Match 1.2%; Best Local Similarity 57.9%;

Conservative

8; Mismatches Score 19; DB 1; Length 19; Pred. No. 2e+02; 0; Indels

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Query Match

GENERAL INFORMATION:

APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter APPLICANT: Chowrira, Bharat APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter

TTTLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TTTLE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REPERENCE: 400/137 (MBHB03-198-A)

Sequence 33, Ap Publication No.

Application US/10698311 o. US20040219671A1

PRIORE PAPICIONITION HOMBER: US 6//393/796
PRIORE PELINO DEPET 10002-07-03
PRIORE PELINO DEPET 10002-07-03
PRIORE PELINO DEPET 10002-07-03
PRIORE PELINO DEPET 10002-08-03
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PRIORE PELINO DETET 10002-08-05
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06 CURRENT PILING DATE: 0001-07-11
CURRENT PILING DATE: 2001-07-11
CURRENT PILING DATE: 2001-08-10
PRIOR REPLICATION MURBER: ECT/MS03/05028
PRIOR FILING DATE: 2001-02-20
PRIOR RPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20

SOFTWARE: PatentIn version 3.2 PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION HUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310

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US-10-698-311-32
                                                                                             SOFTWARE: PatentIn version 3.2
SEQ ID NO 32
LENGTH: 19
                                                                                                                                                      PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
        OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinh sense
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                                                    ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: US
                                        FEATURE:
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Publication No. US20040219671A1 GENERAL INFORMATION:

Inc.

Parkinson Disease Using

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US-10-698-311-34
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US-10-698-311-35
; Sequence 35, Application US/10698311
                                                                           RESULT 64
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US-10-698-311-34
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Publication No. US20040219671A1
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: US 60/358,580
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APPLICANT: McSwiggen, James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/440,129
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                                                                                                                                                                                                                                        597 TCAGCAGTGATTGAAGTAT 615
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                                                                                                                                                                           UCAGCAGUGAUUGAAGUAU 19
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Haeberli, Peter
Chowrira, Bharat
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                                                                                                                                                                                                                                                                                                             6
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pred. No. 2e+02;
                                                                                                                                                                                                                                                                                                                   Score 19; DB 1;
Pred. No. 2e+02;
6; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 36, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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APPLICANT: McSwiggen, James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James
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                                                                                                                                               PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
                                               PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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Chowrira, Bharat
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                           NUMBER: US 60/393,796
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5 Pred.

o; Gaps

sense

Score 19; Mismatches No. 2e+02; DB 1; Length 19 0

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-35
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TITLE DE L'HERRICO: Short Interfeting Noclaic Acid (SIAN) 
FILE REFERENCE: 400/137 (MEMBO3-159-A) 
CURRENT REPLICATION NOVERE: 600/1659-311 
CURRENT FILMO DATE: 2003-10-31 
FILMO PAPILLOTION NOVERE: 670/1659-31 
SECOR FILMO DATE: 2003-10-31 
SECOR FILMO DATE: 2003-10-32 
SEC
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/363,124
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US-10-698-311-37
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GENERAL INFORMATION:
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LENGTH: 19
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PRIOR 
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PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                 OTHER INFORMATION: Description of Artificial Sequence:
                                                                                   FEATURE:
                                                                                                            ORGANISM: Artificial Sequence
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hes 13; Conserv
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FILING DATE: 2002-07-29
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APPLICATION NUMBER: US (
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Pred. No.
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                         Target Sequence/siNA sense
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US-10-698-311-39

Sequence 39, Application US/10698311 Publication No. US20040219671A1 GENERAL INFORMATION:

APPLICANT: Sirns Therapeutics,

Inc

APPLICANT:

APPLICANT: Haeberli APPLICANT: Chowring TITLE OF INVENTION:

McSwiggen, James Haeberli, Peter Chowrira, Bharat

RNA Interference Mediated Treatment of Parkinson Disease Using

RESULT 68

Query Match Best Local Similarity

1.21

Score 19; Pred. No.

DB 1; Length 19

ed. No. 2e+ Mismatches

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Indels

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Matches

Conservative

669 CATGGTAGCAGGGTCTTTG 687

CAUGGUAGCAGGGUCUUUG 19

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US-10-698-311-38
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                                                                                                                    NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 38
LENGTH: 19
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Best Local Similarity

Matches 13; Conserv
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CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA) FILE REFERENCE: 400/137 (MSHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
          PEATURE: OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2002-06-06
                                                                  ORGANISM: Artificial Sequence
                                                                                                TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION:
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Pred. No.
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               Target Sequence/siNA sense
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US-10-698-311-40
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Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
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                                           PRIOR APPLICATION NUMBER: 60/399,348
PRIOR PILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
                                                                                                                                       PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ENA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 00/137 (MBHB031186A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 19
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APPLICATION NUMBER: US 60/386,782

FILING DATE: 2002-06-06

APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US
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FILING DATE: 2002-09-05
                            APPLICATION NUMBER: US 60/408,378
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Haeberli, Peter
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9; Mismatches
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                                                                                      Matches
                                                                                                          Query Match 1.2%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                         SEQ ID NO 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/440,129
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                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
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LENGTH:

723 TABABCAJATTAAAAACAC 741

Pred. No. 2e+02;

DB 1, Length 19,

Target Sequence/siNA sense

Mismatches

Indels

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Gaps

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, OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-40
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LENGTH: 19
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Publication No.
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Matches 12; Conserv
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                  TITIE OF INVENTION: NAW Interference Mediated Treatment of TITIE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REFERENCE: 400/137 (MBHB03-198-A)
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                                                        PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                  APPLICANT:
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                         PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US03/05020
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             705 GGCTTCAATCTACGATGTT 723
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                                                                                                                                                                                                                                                                  Parkinson Disease Using
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US-10-698-311-43
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US-10-698-311-42
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                                                                                                                                                                                                                                                                                                                                                  Sequence 43, Application US/10698311
Publication No. US20040219671A1
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APPLICANT: MCSWig
                                                CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                APUCOWY: Situs Therapetics, Inc.
APUCOWY: Sebages, Jess
APUCOWY: Sebages, Jess
APUCOWY: Chowits. Nave.
APUCOWY: Chowits. Nave.
TITLE OF INVESTOR NA Interference Mediated Treatment of Parkinson Disease Uning
TITLE OF INVESTORS. Short Interfering Naciata Acid (sisk)
TITLE OF INVESTORS. Short Interfering Naciata Acid (sisk)
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-99-05
PRIOR APPLICATION NUMBER: US 60/409,293
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APPLICANT: Chortis, Bhazt
ITTILE Of INVENTION: NAN Interference Mediated Treatment of Parkinson Disease Using
ITTILE OF INVENTION: Short Interfering Nucleic Acid (sixs)
File REFERENCE: 400/137 (MSH80):198-41.
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Publication No. US20040219671A1
                                PRIOR FILING DATE: 2003-02-20
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 60/363,124
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CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 6
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APPLICATION NUMBER: US 60/358,580
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US-10-698-311-43
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SEQ ID NO 43
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US
        OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
                                                                                                                                                                         NUMBER OF SEQ ID NOS: 310
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                                            FEATURE:
                                                          ORGANISM: Artificial Sequence
                                                                                    TYPE: RNA
                                                                                                           LENGTH: 19
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US-10-698-311-44
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Publication No. US20040219671A1
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                      APPLICANT: Heaberli, Peter APPLICANT: Heaberli, Peter APPLICANT: Chortiza, Bhazet APPLICANT: Chortiza, Bhazet TiTLE Of 1MUNTCOM: NAM Interference Mediated Treatment of Parkinson Disease Using TITLE OF 1MUNTCOM: Note: Interfering Nucleic Acid (sim) File REFERENCE: 400/137 (MBHBH): 198-N
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Local Similarity 57.9%;
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Pred. No. 2e+02;
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PRICE PUPLICATION HOMES: PCT/MSUN/SCO2 PRICE PLICE ONE: 2001-02-20 PRICE PUPLICATION HOMES: US 66/359,560 PRICE PUPLICATION HOMES: US 66/359,560 PRICE PUPLICATION HOMES: US 66/359,762 PRICE PLICE ONE: 2002-03-13.

PRIOR FILING DATE: 2002-09-05
PRIOR REPLICATION NUMBER: US 60/409, 293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440, 129
PRIOR FILING DATE: 2003-01-18

PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: 60/399,348

SOFTWARE: PatentIn version 3.2 NUMBER OF SEQ ID NOS: 310 8

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sikA sense
US-10-599-111-44
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US-10-698-311-45
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US-10-698-311-46
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Publication No. US20040219671A1
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Sequence 46, Application US/10698311
Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
----- or warmemorum: Short Interfering Nucleic Acid (siMA)
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Local Similarity 57.9%;
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FILING DATE: 2002-09-09
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26.3%; Pred. No. 2e+02;
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Pred. No. 2e+02;
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PRIOR PLINE ONTE: 2002-06-25 60/408,378
PRIOR PRIOR PLINE ONTE: 0002-06-25 60/408,378
PRIOR PLINE ONTE: 0002-06-25 60/408,293
PRIOR PLINE ONTE: 0002-06-25 60/409,293
PRIOR PRIOR NUMBER: US 60/440.129
PRIOR APPLICATION KNOBER: US 60/440.129
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SEQ ID NO 46
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APPLICANT:
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GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sinn)
TITLE REFERENCE: 400/131 (MRMHO)-198-A)
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PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE 2003-02-20
PRIOR FILING DATE 2003-02-20
PRIOR REPLICATION NUMBER US 60/358,580
PRIOR FILING DATE 2002-02-20
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PRIOR FILING DATE 2002-03-11
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                                    PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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Local Similarity 52.6%;
                       FILING DATE:
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Pred. No.
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US-10-698-311-48
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PRIOR PILING NATE 2002-08-28
PRIOR APPLICATION KNOWSKI US 60/408,378
PRIOR APPLICATION KNOWSKI US 60/409,293
PRIOR PILING NATE: 2002-08-08-6/409,293
PRIOR PILING NATE: 2002-08-08-6/409,293
PRIOR PILING NATE: 2003-01-15
PRIOR PILING NATE: 2003-01-15
                                                                                                                     SOFTWARE: PatentIn version 3.2
SEQ ID NO 48
LENGTH: 19
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity
OTHER INFORMATION: Description of Artificial Sequence: 10-698-311-48
                                                                                                                                                                                         PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR APPLICATION NUMBER: US 60/409.293
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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SEQ ID NO 47
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PRIOR APPLICATION NUMBER: US 60/363,124
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APPLICANT: Chowrira, Bharat
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                                                FEATURE:
                                                                    ORGANISM: Artificial Sequence
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FILING DATE: 2002-07-29
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42.1%; Pred. No.
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              Target Sequence/siNA sense
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US-10-698-311-49
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                                                                                                                                        Sequence 50, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 49
                                                                                                                                                                                                                                                                                                                                                                                          Matches
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TITLE OF INVENTION: RNA Interference mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                             APPLICANT: Sirna Therapeutice,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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Publication No
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PRICOR PILING DATE: 2002-08-29
PRICOR PILING DATE: 2002-08-29
PRICOR PILING DATE: 2002-08-29
PRICOR PILING DATE: 2002-09-05
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PRICOR PILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
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THIS REPRESENCE: 400/137 (Memen)-196-31
CURRENT FPELCATION NUMBERS: US/O.196-311
CURRENT FILLING DATE: 2003-10-31 (698.)
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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No. US20040219671A1
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Pred. No.
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Pred. No.
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                      Parkinson Disease Using
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US-10-698-311-51
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Publication No. US20040219671A1
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Best Local Similarity 47.4%;
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/137 (MEMBO3-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: RNA Interference Mediated Treatment of
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 6
PRIOR FILING DATE: 2002-03-11
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                                                                                                                                             PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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RAPPLICATION NUMBER: US 60/358,580
REFLING DATE: 2002-02-20
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                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/363,124
                                                                                                                    FILING DATE: 2002-07-29
                                             APPLICATION NUMBER: US 60/408,378
                                                                 FILING DATE: 2002-08-29
                                                                                          APPLICATION NUMBER: US 60/406,784
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NUMBER: US 60/409, 293
                    2002-09-05
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10; Mismatches
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US-10-698-311-51
                                                                                                                                                SEQ ID NO 51
LENGTH: 19
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PRIOR APPLICATION NUMBER: US of PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                             SOFTWARE: PatentIn version 3.2
                                                          OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                       ORGANISM: Artificial Sequence
                                                                                     FEATURE:
                                                                                                                                                                                                                                                                 60/440,129
DB 1; Length 19.
                                                               Target Sequence/siNA sense
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1.2%;
Best Local Similarity 68.4%;
Matches 13; Conservative
                           903 TACTTAMAMATATGTGAGC 921
1 UACUUAAAAAUAUGUGAGC 19
                                                      ; Score 19; DB
; Pred. No. 2e+0
6; Mismatches
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Publication No. US20040219671A1
GENERAL INFORMATION:
              APPLICANT:
                            APPLICANT:
                                                  APPLICANT:
                                                                APPLICANT: Sizna Therapeutics,
                                                                                                               Application US/10698311
              Haeberli, Peter
Chowrira, Bharat
                                              McSwiggen, James
Parkinson
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TITIE OF INVENTION: RNA Interference Mediated Treatment of TITIE OF INVENTION: Short Interfering Nucleic Acid (SINA) FILE REFERENCE: 400/137 (MBHB03-198-) CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31 Disease Derren

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PRIOR FILIMO DATE: 2003-02-20
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PRIOR FILIMO DATE: 2002-02-20
PRIOR FILIMO DATE: 2002-03-11
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PRIOR FILIMO DATE: 2002-06-06
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293 PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR APPLICATION NUMBER: 60/399,348 PRIOR FILING DATE: 2002-07-29 PRIOR FILING DATE: 2002-07-03

SEQ ID NO 52 LENGTH: 19 SOFTWARE: PatentIn version 3.2 PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 2003-01-15

60/440,129

US-10-698-311-52 Query Match Best Local OTHER INFORMATION: Description of Artificial Sequence: FEATURE: Similarity ilarity 73.7%; Conservative 5 Pred. Score Migmatches No. DB 1; 2e+02; Length 19 Target Sequence/siNA 0,

Gaps

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sense

921 CATGAAACTATGCACCTAT 939 CAUGAAACUAUGCACCUAU 19

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US-10-698-311-54
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Best Local Similarity 68.4%;
Matches 13; Conservative
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SEQ ID NO 53
LENGTH: 19
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Publication No. US20040219671A1
PENERAL INFORMATION:
                            CURERY APPLICATION NUMBER: US/10/698,311
CURERY FILLNG DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
PRIOR PPLING DATE: 2003-02-20
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Publication No. US20040219671A1
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,7
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 2002-07-03
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REPERSNCE: 400/137 (MBHB0):198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense
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PRIOR FILING DATE: 2002-03-11
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APPLICATION NUMBER: US (
FILING DATE: 2002-09-09
FILING DATE: 2002-02-20
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Pred. No.
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                            SOFTWARE: PatentIn version 3.2
SEQ ID NO 55
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Sequence 55, Ap Publication No.

Application US/10698311 US20040219671A1

957 TITTACCATTITGCGATGT 975 1 UUUUACCAUUUUGCGAUGU 19 9; Conservative

10; Mismatches

0 Indels 0; Gape 0,

APPLICANT: Sirna Therapeutice,

APPLICANT:

APPLICANT:

Haeberli, Peter Chowrira, Bharat

CURRENT APPLICATION NUMBER: US/10/698,311 CURRENT FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 60/386,782 PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11 PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2003-02-20

FILING DATE: 2002-06-06

APPLICATION NUMBER: US 60/393,790

2002-07-03

FILING DATE: 2002-07-29 APPLICATION NUMBER: 60/399,348 FILING DATE: TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/117 (MEMB03-19s-A)

NUMBER OF SEC ID NOS: 310 PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129

FILING DATE: 2003-01-15

PRIOR FILING DATE: 2002-09-05 PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378

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US-10-698-311-54
Query Match
Best Local Similarity
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SEQ ID NO 54
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                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
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                                                                                                                      FEATURE:
                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                    TYPE: RNA
                                                                                                                                                                                           LENGTH: 19
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FILING DATE: 2002-09-09
APPLICATION NUMBER: US 60/440,129
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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             47.4%;
    1.2%; Score 19; DB 1;
47.4%; Pred. No. 2e+02;
                           DB 1; Length 19
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-55
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                           US-10-698-311-57
; Sequence 57, Application US/10698311
; Publication No. US20040219671A1
                                                                                                                                    RESULT 86
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Publication No. US20040219671A1
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SEQ ID NO 56
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GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                          Matches
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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CURRENT FILING DATE: 2003-10-31
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ORGANISM: Artificial Sequence
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Local Similarity 36.8%;
hes 7; Conservative 1
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FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
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Pred. No. 2e+02;
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Best Local Similarity
Matches 13; Conserv
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LENGTH: 19
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Publication No. US20040219671A1
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APPLICANT: McSwiggen, James
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Parkinson Disease

Conservative 1.2%;

6; Score 19; Pred. No. Mismatches 2e+02; DB 1; Length 19 Indels

0, Gaps 0

APPLICATION NUMBER: 60/399,348 FILING DATE: 2002-07-03

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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                 NUMBER OF SEC ID NOS: 310
                                        PRICOR FILING INTE: 2002-08-29
PRICOR FILING INTERES: US 60/408.378
PRICOR PRILING INTER: 2002-09-05
PRICOR PRILING INTER: 2002-09-05
PRICOR PRILING INTER: 2002-09-09
PRICOR PRILING INTER: 2003-01-15
PRICOR PRILING INTER: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR FILING DATE: 2002-07-29
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SOFTWARE: PatentIn version 3.2
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US-10-698-311-59
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Matches 11; Conserv
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SOFTWARE: Patentin versio
SEQ ID NO 58
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PRIOR APPLICATION NUMBER: US (
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION INVERE: US 60/393,796
PRIOR PILING DATE: 2002-07-03
PRIOR APPLICATION INVERE: 60/399,346
PRIOR PILING DATE: 2002-07-29
PRIOR PILING DATE: 2002-07-29
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PRIOR FILING DAYE: 2003-02-20
PRIOR APPLICATION UNMBER: US 60/358,580
PRIOR FILING DAYE: 2002-02-20
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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APPLICANT: McSwiggen, James
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                                                                            OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                TYPE: RNA
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                                                                                                            PEATURE:
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FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
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Chowrira, Bharat
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Pred. No.
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Publication No. US20040219671A1
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TITLE OF INVENTION: BNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILS REFERENCE: 400/137 (MSHB05-199-A)
                                                                        APPLICANT: Sirna Therapeutice,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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Query Match

Score 19; DB 1; Length 19.

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Conservative

6; Mismatches

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Gaps

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US-10-698-311-60
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07
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SEQ ID NO 60
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
         POCST
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         Similarity
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Haeberli, Peter
Chowrira, Bharat
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         68.4%;
                                                 1.2%; Score 19;
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Pred. No. 2e+02;
                                                 DB 1;
                                       Length 19
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US-10-698-311-62
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US-10-698-311-61
                   PRIOR MUNICIPATION NOMBRE: US 60/387,782
PRIOR PLINED NEW 2002.00-00.
PRIOR MUNICIPATION NOMBRE: 030,0137,786
PRIOR MUNICIPATION NOMBRE: 030,0137,786
PRIOR MUNICIPATION NOMBRE: 030,339,348
PRIOR MUNICIPATION NOMBRE: 030,339,348
PRIOR MUNICIPATION NOMBRE: 030,0167,784
PRIOR MUNICIPATION NOMBRE: US 60/403,778
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LENGTH: 19
TYPE: RNA
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Publication No. US20040219671A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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APPLICANT; Montre de cence Mediated Treatment of
APPLICANT; CHOPPLICAN, MARIE de cence Mediated Treatment of
APPLICANT; CHOPPLICAN, MONTRE de cence Mediated Acid (eikh)
FILE APPERANCE; 00/1/19 (MANDON-198-A)
GREENT APPLICATION NOMBER; M9/10/689,311
GREENT FILHO MARIE; 2003-131.
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
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Haeberli, Peter
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NUMBER: US 60/409, 293
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pred. No. 2e+02;
5; Mismatches 0; Indels
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PRICE MARICANTED MYSSE: UB 6/440/129
PRICE MYSSE: UB 6/440/129
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Query March 1.24; Score 19; Del: Langin 19;
Best Local Similarity 4.28; Prod. No. Del: Langin 19;
Best Local Similarity 4.28; Prod. No. Jones 0;
Maches 16; Comservative 3; Mismaches 0; Indels 0; Gaps 0;
No. 16; April Armsch And 119

1101 AATTAAGAACTGACACAAA 1119

sequence 5. Application US/10698311
Pablication No. USB000021897131
Pablication No. USB000021897131
APPLICANT: Stars Threspention, Inc.
APPLICANT: McSadgon, James
APPLICANT: McSadgon, Short Interference Mcdisted Treat
APPLICANT MCSADGON, Short Interference McGisted Treat
APPLICANT MCSADGON, Short MCSADGON, MCSADGON,

MERILAWI, DARBETTA BARKET TITLE OF INCOTICNE MAN Interference Mediated Treatment of Parkinson Disease Using TITLE OF INCOTICNE MONE Interfering MucLeic Acid (sIAN) TITLE SETERACIO: 400717 (SERBO1-198 A) TITLE SETERACIO: 400717 (SERBO1-198 A) CORREST PARILACTION MORSES: 105/10/588-311

COMESSATE TILLING DATE: 2003-10-31
PRICES REFLICATION MARMERS PETUDOJ/5028
PRICES RELIEM DATE: 2003-02-20
PRICES RELIEM DATE: 2003-02-20
PRICES RELIEM DATE: 2003-02-20
PRICES RELIEM DATE: 2003-02-20
PRICES RELIEM DATE: 2003-03-11
PRICES RELIEM DATE

NECOS APPLICATION MONIBLE. US 6/10/0.124
MECOS TRILLING DERE. MONIBLE. US 6/10/0.5, 738
MECOS TRILLING DERE. MONIBLE. US 6/10/0.56
MECOS TRILLING DERE. MONIBLE. US 6/10/0.59
MECOS APPLICATION MONIBLE. US 6/10/0.59

PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2003-01-15
PRIOR FILING DATE: 2003-01-15
HUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
ED ID NO 63

SEQ ID NO 63
LENGTH 19
TYPE: RM.
ORGANISM: Artificial Sequence
PEATURE:

; Order 1970MATION: Description of Artificial Sequence: Target Sequence/AlWA sense (Section 1971) 114: Section 1971 114: Section 1971 114: Section 1971 115: Section 1971 115:

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FILING DATE: 2002-09-09

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US-10-698-311-65
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PRICE FILTED DAYS
PRICE FI
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity 63.2%;
Matches 12; Conservative
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APPLICANT, Heaberli, Pener
APPLICANT, COPETTE, Bhaset
TILLE OF EMBORICOR. BOAR INTERFERENCE MOLECULATION MOLECULATION
TILLE OF EMBORICOR. BOARD 1598 AVAILABLE APPLICATION HOMESI, 1598 AVAILABLE APPLICATION HOMESIA, 1598
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GENERAL INFORMATION.
APPLICANT: Sirns Therapeutics,
                                                                         PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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PRIOR PILING DATE: 2003-01-15
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FILE REFERENCE: 400/137 (MEHB3):158-A)
GRAEST PAPLICATION MOMER: US/10/658-311
GRAEST FILEO DATE: 2003-1-013
GRAEST FILEO DATE: 2003-1-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: Haeberli, Peter
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APPLICATION NUMBER: US 60/363,124
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Pred. No. 2e+02;
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US-10-698-311-66

Matches

15;

Conservative

4; Mismatches

Indels

0 Gaps

9

12

26+02;

1155 GAAGGAGGAATTTTAGAAG 1173

1 GAAGGAGGAAUUUUAGAAG 19

GENERAL INFORMATION Sequence 66, Application US/10698311 Publication No. US20040219671A1

APPLICANT: Sirns Therapeutics,

APPLICANT:

APPLICANT:

Hasberli, Peter Chowrira, Bharat

PRIOD MEDICATION NUMBER: US 66/363,124
PRIOD FILME DATE: 2020-36, 567/386,782
PRIOD FILME DATE: 2020-36, 567/386,782
PRIOD FILME DATE: 2020-36, 567/393,796
PRIOD FILME DATE: 2020-36, 567/393,796
PRIOD FILME DATE: 2020-36, 567/393,796
PRIOD FILME DATE: 2020-36, 567/399,348
PRIOD MEDICATION NUMBER: 60/399,348

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

TITUS OF INVENTION: NAN Interference Mediated Treatment of Parkinson Disease Using TITUS OE ENVENTION, SPORT INTERFERING NACIONAL CALID (SIAM) STATE INVENTION SERVICE AND SER

SEQ ID NO 66 LENGTH: 19

TYPE: RNA

SOFTWARE: PatentIn version 3.2 NUMBER OF SEQ ID NOS: 310 PRIOR FILING DATE: 2003-01-15 PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/405,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378

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US-10-698-311-65
Best Local Similarity
                       Query Match
                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.2
SEQ ID NO 65
                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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                                                                                   OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                   FEATURE:
                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                            TYPE: RNA
                                                                                                                                                                                    LENGTH: 19
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78.9%;
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Score 19;
Pred. No.
                  DB 1/ Length 19
                                                                                   Target Sequence/siNA sense
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OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
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US-10-698-311-68
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity
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              Sequence 68, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                  Query Match
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APPLICANT: Chordram, Basaric termora Mediated Treatment of Parkinson Disease Uning
TILLS OF PUMPATION: Short Interference Mediated Acid (siMA)
TILLS REFERENCE: 4001271 (Memory-182)
TILLS REFERENCE: 4001271 (Memory-182)
CHREST PARICATION MYMERS: 65/10/658-3111
CHREST FILMS DAYE: 2003-10-314
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: McSwiggen, James
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APPLICANT: Sirns Therapeutics, Inc
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mes 15; Conserv
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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FILING DATE: 2002-08-29
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Pred. No. 2e+02;
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Pred. No. 2e+02;
4; Mismatches
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LENGTH: 19
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CURRENT FILLION (INSEE: 2003-10-24).
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APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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APPLICANT: Chowilra, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sINA)
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PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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                                                                                                        PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/363,124
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         FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
                                                                                    APPLICATION NUMBER: US 60/393,796
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4

Score 19; DB 1; Pred. No. 2e+02;

DB 1; Length 19; Indels

0 Gaps

Inc

Parkinson Disease Using

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense US-10-698-311-70
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Publication No. US20040219671A1
                                                                                                                                                                                                    SEQ ID NO 70
                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-07-29
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TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
FILE REFERENCE: 400/137 (MBHB03-139-A)
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APPLICANT: McSwiggen,
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PRIOR APPLICATION NUMBER: US (
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                           FEATURE:
                                                                                                                                                                                LENGTH: 19
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PILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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Pred. No.
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Publication No. US20040219671A1
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TITIE OF INVENTION: NRA Interference Mediated Treatment
TITIE OF INVENTION: Short Interfering Nucleic Acid (si
FILE REFERENCE: 400/137 [MBHB03-198-A]
                                                                                             APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                              APPLICANT:
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OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense

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1263 AGTGGCTGTGATTAATTAT 1281

Conservative

8; Mismacches Score 19; Pred. No.

20+02;

Length 19

0

Gaps

AGUGGCUGUGAUUAAUUAU 19

ORGANISM: Artificial FEATURE: TYPE: RNA

Sequence 1.21;

Query Match

Best Local Similarity

1.24;

Score 19; DB 1; Pred. No. 2e+02;

CURRENT APPLICATION NUMBER: US/10/698,311

(sina)

Parkinson Disease Using

McSwiggen, James Haeberli, Peter Chowrira, Bharat

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SEQ ID NO 71
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                        SOFTWARE: Patentin version 3.2
                                                                    PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-02-20
PRIOR PRIOR DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
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                                                 NUMBER OF SEQ ID NOS: 310
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                                                                                             APPLICATION NUMBER:
                                                                                                                     FILING DATE: 2002-09-09
                                                                                                                                         APPLICATION NUMBER: US 60/409, 29
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US-10-698-311-73
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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR PILING DATE: 2002-07-03
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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TTILE OF IMPERIOR: RNA Interference Mediated Treatment of Parkinson Disease Using
TTILE OF IMPERIOR: Short Interfering Nocisic Acid (SINA)
TTILE REFERENCE: 200/137 (MEMBOL-195-A)
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ORGANISM: Artificial Sequence
                                                                            PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-03-11
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APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
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                                          APPLICATION NUMBER: US 60/409,293
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Haeberli, Peter
NUMBER: US 60/440,129
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                              US-10-698-311-74
                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 74
LENGTH: 19
                                                                                                                                              Query Match
Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
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                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
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1317 TAGAGTGGTCTATTTCTCC 1335

Conservative

8; Mismatches Score 19, DB 1; Pred. No. 2e+02;

1.2%;

Length 19 Indels

0

Gaps

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1 UAGAGUGGUCUAUUUCUCC 19

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US-10-698-311-74
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Best Local Similarity 73.7%;
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Publication No. US20040219671A1
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NUMBER OF SEQ ID NOS: 310
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CURRENT APPLICATION NUMBER: US/10/698,311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
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                                                                                                                                                                                                                  PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                   PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                                               APPLICATION NUMBER: US 60/406,784
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Pred. No.
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APPLICATION NUMBER: US 60/386,782

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US-10-698-311-76
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Publication No. US20040219671A1
                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US_0/358,580
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
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PRIOR PILING DATE: 2002-09-05
PRIOR REPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR PILING DATE: 2002-09-09
PRIOR PILING DATE: 2002-09-09
PRIOR PILING DATE: 200
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 66/386,782
PRIOR FILING DATE: 2002-06-06
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FILE REFERENCE: 40(17): 10(886): 130;
GURBERT PERIOCATION WINNER: 105/10(58): 311
GURBERT FILING DATE: 2001-10-13
FILING PARE: 2001-10-13
FILING DATE: 2001-13
FILING DATE: 2001-10-13
FILING DATE: 2001-10-13
FILING
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-08-29
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FILING DATE: 2002-03-13
                                                                                                                                FILING DATE: 2002-02-20
                                                         APPLICATION NUMBER: US 60/363,124
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PRIOR REFICATION NUmber.
PRIOR REFICATION NUMBER US 60/408,378
PRIOR REFICATION NUMBER US 60/408,378
PRIOR FILMS DATE: 2002-09-05
PRIOR FILMS DATE: 2002-09-05
PRIOR FILMS DATE: 2002-09-09
PRIOR FILMS DATE: 2002-09
PRIOR FILMS DATE: 2002-09
PRIOR FILMS
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GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics,

APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter APPLICANT: Chowrire, Bharat

Parkinson Disease Using

Publication No. US20040219671A

Application US/10698311

Matches

Local Similarity

Conservative

12; Mismatches

0 Gaps

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1353 TTTGCTTTATGTATTTTGG 1371

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NUMBER OF SEQ ID NOS: 310 SOFTWARE: PatentIn version 3.2 SEQ ID NO 77

ORGANISM: Artificial Sequence

ENGTH:

PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2003-01-15

PRIOR

APPLICATION NUMBER: 60/399,348

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBERS: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796 PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/363,124 PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 60/358,580 CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028 CURRENT APPLICATION NUMBER: US/10/698,311 TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) PILS REFERENCE: 400/137 (MBHB0):198-A)

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US-10-698-311-76
                                                                                                                                                                                            SEQ ID NO 76
LENGTH: 19
                        Query Match
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SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,376
                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
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PRIOR APPLICATION NUMBER: 60/399,348
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                                                                                                                        PEATURE:
                                                                                                                                                                    TYPE:
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1.2%; Score 19; DB 1;
36.8%; Pred. No. 2e+02;
                   Length 19
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PEATURE:
, OTHER IMPORMATION: Description of Artificial Sequence: Target Sequence/sina
US-10-698-311-77
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US-10-698-311-78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local 8
                           GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc
                                                                                                Sequence 79, Application US/10698311
Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLIANT: Chowris, Bhartesence Mediated Treatment of Parkinson Disease Using Title OF INNERTOR: Naw Interference Needle Acid (slak).
TITLE OF INNERTOR: Short Interfering Novick Acid (slak).
TITLE REPORTED AND ANNERS (MI) (1958) 111
COMBENT FILME (DATE: 2005-10-51)
COMBENT FILME (DATE: 2005-10-51)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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hes 11; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/409,293
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FILING DATE: 2002-07-29
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Similarity 42.1%;
B; Conservative 1
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Haeberli, Peter
Chowrira, Bharat
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McSwiggen, James
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Pred. No.
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Pred. No. 2e+02;
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity 47.4%; Pred. No. 2e+02;
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 66/358,580
PRIOR APPLICATION TO SERVING PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 66/386,782
PRIOR FILING DATE: 2002-06-06
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                                                                                  APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
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                           APPLICATION NUMBER: US 60/406,784
                                                       FILING DATE: 2002-07-29
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Haeberli, Peter
Chowrira, Bharat
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10; Mismatches

Length 19 Indels

0 Gaps

THE

Parkinson Disease Using

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COMBRAT PELING DATE: 2005-1-11

CURBENT PELING DATE: 2005-1-11

BRIGH APPLICATION HAMBER: PCT/MSDA/05028

PRICE PELING DATE: 2001-0-25

PRICE PELING DATE: 2001-0-25

PRICE PELING DATE: 2002-0-25

PRICE PELING DATE: 2002-0-25
                                                                     SOPTWARE: PatentIn version 3.2
SEQ ID NO 79
LENGTH: 19
                                                                                                                                                                                                                                                      PRICES APPLICATION NUMBER: US 60/406/784
PRICES FILHE LAWRE: 2002-88-29
PRICES APPLICATION NUMBER: US 60/408/378
PRICES APPLICATION NUMBER: US 60/409/283
PRICES APPLICATION NUMBER: US 60/409/283
PRICES APPLICATION NUMBER: US 60/409/283
PRICES APPLICATION NUMBER: US 60/400/129
PRICES APPLICATION NUMBER: US 60/400/129
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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ORGANISM: Artificial Sequence
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Query Match
Best Local Similarity
Thes 8; Conserva
                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-81
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PRIOR PILING NUMBER: US 60/36,500
PRIOR PELING NUMBER: US 60/36,500
PRIOR PILING NUMBER: US 60/36,124
PRIOR MEDILATION NUMBER: US 60/36,124
PRIOR MEDILATION NUMBER: US 60/36,782
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US-10-698-311-80
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SEQ ID NO 81
LENGTH: 19
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 10, Conserv
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SEQ ID NO 80
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER. US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-99-09
PRIOR FILING DATE: 2002-99-09
PRIOR FILING DATE: 2002-91-15
                                                                                                                                                         FEATURE:
                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                      TYPE: RNA
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                                    1.2%; Score 19; DB 1; Length 19;
42.1%; Pred. No. 2e+02;
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Pred. No.
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                                                                                                                                                                                                                                                                                                         RESULT 112
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Publication No. US20040219671A1
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                           TITLE OF INVENTION: BNA Interference mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA) FILE REPERSYCE: 400/137 (MBHB03-199-A) CURRENT APPLICATION NUMBER: US/10/698,311
                                                                                                                     APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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                                                                                                                                                                               APPLICANT: Sirna Therapeutics,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                            1461 AATAATTTTTTAGTTAAAA 1479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1443 TIGITATTTTTTCTCGAA 1461
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                                                                                                                                                                                                                                                                                                                                                                    1 AAUAAUUUUUUUAGUUAAA 19
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                                                                                                                                                                  McSwiggen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                  James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.2%; Score 19; DB 1;
52.6%; Pred. No. 2e+02;
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Conservative

Indels

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Gaps

0

CURRENT FILING DATE:

2003-10-31

Parkinson Disease Using

9, Mismatches DB 1; Length 19

0 Gaps

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1

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Sequence 82, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                                                                                        SOFTMARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT PILING DATE: 2003-03-11
CURRENT PILING DATE: 2003-03-11
PACOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT, Mebalgen, James
APPLICANT, Meball, Peter
APPLICANT, Meball, Peter
TITLE OF INVESTION: BMA Interference Mediated Treatment of
TITLE OF INVESTION: BMA THEREFEITH NUCLEIC ACID (SIN)
FILE SETERNICE: 00(12) (Membro.
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-06-06
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                                                          TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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US-10-698-311-84
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Best Local Similarity 42.1%; Pred. No. 2e+
Matches 8; Conservative 11; Mismatches
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Publication No. US20040219671A1
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399.348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILMS DATE: 2003-10-31 PRIOR APPLICATION NUMBER: PETT/US03/05028 PRIOR FILMS DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 60/355.580 PRIOR APPLICATION NUMBER: US 60/353.124 PRIOR APPLICATION NUMBER: US 60/363.124 PRIOR FILMS DATE: 2002-03-10 FILMS DATE: 2002-03-11 PRIOR FILMS DATE: 2002-03-11 PRI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVESTION: SNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVESTION (Short Interfering Nucleic Acid (sNA) File RefPREME: 40(127) (MSHB03.199-A) ...
                                               PRIOR APPLICATION NUMBER: US 60/409.378
PRIOR FILIMA DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409.293
PRIOR APPLICATION NUMBER: US 60/409.293
PRIOR APPLICATION NUMBER: US 60/440.129
                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER:
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
APPLICATION NUMBER: US 60/440,129
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APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
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FILING DATE: 2002-02-20
APPLICATION NUMBER: US 60/363,124
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FILING DATE: 2002-08-29
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FILING DATE: 2002-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US03/05028
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FILING DATE: 2003-01-15
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Haeberli, Peter
Chowrira, Bharat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US 60/386,782
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8

Matches Query Match

1515 TITCTGACAATAAATAATA 1533

1 UUUCUGACAAUAAAUAAUA 19

Local Similarity

1.21;

Score 19; Pred. No. ed. No. 2e+02; Mismatches

Length 19;

Indels

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Gaps

Conservative

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) OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sixA sense US-10-658-311-64
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US-10-698-311-85
US-10-698-311-85
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Publication No. US20040219671A1
GENERAL INFORMATION.
APPLICANT Sirns Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 84
LENGTH: 19
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: BAN Interference Mediated Treatment of Parkiston Disease Using TITLE OF INVENTION: Bort Interfering Muchaic Acid (sIAA) FILE REFERENCE: 400/17/19 MEMBOL-1989 Nuchaic Acid (sIAA) COMMENT PARLICATION MOMENTS DE 10/6/68,3111 COMMENT FILES (MINES, 200-16-2) TOTAL COMMENT FILES (MINES, 200-16-2) TOTAL COMMENT FILES (MINES, 200-16-2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                          PRIZON ETLING DATE: 2002-08-29
PRIZON EPILANGION NUMBER: US 60/408,378
PRICON PILANGION NUMBER: US 60/409,293
PRICON APPLICATION NUMBER: US 60/409,293
PRICON PILANGION NUMBER: US 60/409,293
PRICON PILANGIONE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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                                                                                                                                                                   SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                           PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/363,124
                        OTHER INFORMATION: Description of Artificial Sequence:
                                                FEATURE:
                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1497 TGGTGTGAATGCTGTACCT 1515
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Pred. No.
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2e+02;
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                                 Target Sequence/siNA sense
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OTHER INFORMATION: Description of Artificial Sequence:
US-10-698-311-86
                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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Publication No. US20040219671A1
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SEQ ID NO 86
LENGTH: 19
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Publication No. US20040219671A1
                                                                              PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                          TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/137 (MBHs03.198-A)
                                                                                                                                                                                                                                                                                                                         APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Habberli Peter
APPLICANT: Chowrina, Bharat
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-08-29 60/408,378
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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Local Similarity 73.7%;
APPLICATION NUMBER: US 60/386,782
                           FILING DATE: 2002-03-11
                                            APPLICATION NUMBER: US 60/363,124
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Haeberli, Peter
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; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-698-311-87
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 200-07-29
PRIOR EPILING DATE: 200-00-29
PRIOR EPILING DATE: 2002-08-29
PRIOR EPILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR EPILING DATE: 2002-09-05
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                                                                               ORGANISM: Artificial Sequence
                                                         FEATURE:
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FILING DATE: 2002-09-09
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## Matches Query Match TOCAT 19; Conservative 100.01; 0, Mismatches Score 19; Pred. No. DB 1; Length 19 2e+02; 0; Indels Gaps

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GENERAL INFORMATION: Sequence 88, Application US/10698311 Publication No. US20040219671A1 APPLICANT: APPLICANT: Sirna Therapeutics, McSwiggen,

APPLICANT:

Hasberli, Peter

APPICANT, CONCRIP, BRANK
TITLE OF INVENTION, BOAR Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION, Short Interfering
FILE REFERENCE; 40(17) (08880-1984)
CERSEN PRICATION NUMBER; 80/10/658,311
CERSEN FILING DATE; 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION INVEST: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION INUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124

NUMBER OF SEQ ID NOS: 310 PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR PILING DATE: 2003-01-15 PRIOR APPLICATION NUMBER: US 60/408, 378 PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29

ORGANISM: Artificial Sequence Patentin version 3.2

SEQ ID NO 88

PEATURE:

SOFTWARE:

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, OTHER INPORMATION: Description of Artificial Sequence: siNA antisense region US-10-698-311-88
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Publication No. US20040219671A1
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Publication No. US20040219671A1
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
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APPLICANT: Chockia, Bata,
TITLE OF INVENTION: SNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (min.)
FILE REPERENCE: 400/137 (MBHB03-198-A)
                                                                                                GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: US 60/363,124
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NUMBER OF SEQ ID NOS: 310
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APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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Local Similarity 100.0%;
hes 19; Conservation
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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100.0%; Pred. No. 2e+02;
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Pred. No.
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2e+02;
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Publication No. US20040219671A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2002-07-03
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PRIOR PILLING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR PILLING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region
                                                                                                                                                                             PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                             APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,7
                                                                                                                                             FILING DATE: 2002-07-03
                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 TCATGAAAGGACTTTCAAA
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                                                         NUMBER: US 60/406,784
                         2002-08-29
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Indels

0 Gaps

Parkinson Disease

Bursn

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; OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region US-10-698-311-92
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#2108 FLIMO DATE: 2002-02-20

#2108 
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 92
                                                                                            Matches 19;
                                                                                                                                                               Best Local Similarity
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Publication No. US20040219671A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR PRIOR PRIOR NUMBER: US 60/409,293
PRIOR PRIOR PRIOR DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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CURRENT FILING DATE: 2003-10-31
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Publication No. US20040219671A1
GENERAL INFORMATION:
                          APPLICANT: Medicifyen, James
APPLICANT: Medicify Peter
APPLICANT: Chorcita, Bharat, Peter
TITLE OF INVESTION: Short Interfering Mediated Treatment of
TITLE OF INVESTION: Short Interfering Mediate Acid (six),
THE REPRESENCE ACID THE MEDICIFY OF THE TREATMENT OF 
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sirna Therapeutics,
PRIOR APPLICATION NUMBER: PCT/US03/0502
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Conservative 100.0%;

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Parkinson Disease

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j OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
US-10-698-311-93
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LENGTH: 19
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION HUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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APPLICANT: Chowrira, Bharat
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US-10-698-311-95/c
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PRIOR PAPLICATION NOMER: US 60/35.124
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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-09-05
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ORGANISM: Artificial Sequence
                                                                                                   PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/409,293
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APPLICATION NUMBER: US 60/406,784
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                FILING DATE: 2003-01-15
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Pred. No.
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RESULT 126
US-10-698-311-97/c
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Best Local Similarity
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SEQ ID NO 95
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Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                     FEATURE:
                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           147 AAGAGGGTGTTCTCTATGT 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAGAGGGTGTTCTCTATGT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
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165 TAGGCTCCAAAACCAAGGA 183

Conservative

0

Mismatches

0; Indels

0 Gaps

0

1.2%; Score 19; DB 1; Length 19; 100.0%; Pred. No. 2e+02;

19

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US-10-698-311-98/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 98, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                TITLE OF INVENTION: RNA. Titlefference Mediated Treatment of Barkinson Disease Using TITLE OF INVENTION: Block Interference Mediated Treatment (a barkinson Disease Using TITLE OF INVENTION: 40/137 (BESEN) 198-14 (CREATE APPLIATION BOWERS: MEJ/10583) 111 (CREATE APPLIATION BOWERS: MEJ/10583) 111 (CREATE APPLIATION BOWERS: MEJ/1058) 10583 (MEJ/1058) 111 (MEJ/1058) 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Habberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2003-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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hes 19; Conserv
                                                                                                            APPLICATION NUMBER: US 60/363,124
FILING DATE: 2002-03-11
                                    PILING DATE: 2002-03-11
APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            183 AGGGAGTGGTGCATGGTGT 201
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No. US20040219671A1
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2002-06-06
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Pred. No.
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2e+02,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2001-10-31
PRICE APPLICATION NUMBER: ENT/MS0/95028
PRICE FILING DATE: 2003-02-20
PRICE FILING DATE: 2003-02-20
PRICE FILING DATE: 2002-02-20
PRICE FILING DATE: 2002-
                                                                                                                                                                                                                                                            SEQ ID NO 99
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Publication No. US20040219671A1
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CURRENT APPLICATION NUMBER: US/10/698,311 TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REFERENCE: 400/137 (MBHB03-198-A)

Parkinson Disease Using

APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter APPLICANT: Chowrira, Bharat

APPLICANT: Sirns Therapeutics,

Application US/10698311

SOFTWARE: Patentin NUMBER OF SEQ ID NOS: 310 PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2003-01-15 PRIOR APPLICATION NUMBER: US 60/409,293 PRIOR FILING DATE: 2002-09-09 PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-09-05 PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR FILING DATE: 2002-08-29 PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION INVESER: US 66/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 66/399,348
PRIOR FILING DATE: 2002-07-29

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region

PEATURE:

ORGANISM: Artificial Sequence

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US-10-698-311-98
                                                                      Matches
                                                                                                                                                                                                                                                                     SEQ ID NO 98
                                                                                             Best
                                                                                                             Query Match
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PRIOR FILHIG DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILHING DATE: 2002-09-05
PRIOR REPLICATION NUMBER: US 60/409,293
PRIOR FILHING DATE: 2002-09-09
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                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US (
                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                               TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                       FEATURE:
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                                                                      Y Match 100.0%; E Local Similarity 100.0%; E
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                           201 TGGCAACAGTGGCTGAGAA 219
19 TGGCAACAGTGGCTGAGAA 1
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                                                                                     1.2%; Score 19;
100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                        RESULT 130
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                                                                                                                                                                  Sequence 101, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity 100.0%;
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LENGTH: 19
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APPLICANT: McSwiggen, James
                                                                                                                                    GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2003-02-20
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PRIOR PILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US (
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                                                          APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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Haeberli, Peter
Chowrira, Bharat
Chowrira, Bharat
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100.0%; Pred. No.
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100.0%; Pred. No.
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                             APPLICATION
                                                          FILING DATE: 2002-08-29
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, OTHER INPORMATION: Description of Artificial Sequence: siNA antisense region US-10-598-311-101
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SEQ ID NO 101
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PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR PLITMO DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-02-20
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Match 1.2%; Score 19;
Local Similarity 100.0%; Pred. No.
                          255 TGGTGACGGGTGTGACAGC 273
19 TGGTGACGGGTGTGACAGC 1
                                                    Conservative
                                                    0
                                                    Mismatches
                                                                 DB 1; Length 19;
2e+02;
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US-10-698-311-102/c Application US/10698311

GENERAL INFORMATION: APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James

NEW COURT (New Park), Peter New Court (New Park), New P Parkinson Disease Using

PRIOR PEPULCATION NOMERS: US 60/359,580
PRIOR PLICATION NOMERS: US 60/351,24
PRIOR REPLICATION NOMERS: US 60/351,24
PRIOR REPLICATION NOMERS: US 60/351,24
PRIOR PLICATION NOMERS: US 60/351,769
PRIOR PEPULCATION NOMERS: US 60/351,769
PRIOR PEPULCATION NOMERS: US 60/351,769
PRIOR PLICATION NOMERS: US 60/351,769
PRIOR PLICATION NOMERS: US 60/351,769
PRIOR PLICATION NOMERS: US 30/351,469
PRIOR PLICATION NOMERS: US 30/351,469 PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2003-02-20 APPLICATION NUMBER: US 60/406,784

NUMBER: US 60/408,378

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, OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-103
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                                                                                                      Matches
                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.2
SEQ ID NO 103
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PRIOR APPLICATION NUMBER: US (
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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TITLE OF INMETION: Short Interfering Mediated Acid (sIAM)
TITLE REPERSON: 60(7)17 (Mediat-1984)
CORRENT PRICOGRAM (Mediat-1871/01/658).311
CORRENT FATURE ONLY: 2007-10-31
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Publication No. US20040219671AJ
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Matches 19; Conserv
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SEQ ID NO 102
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-09-05
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                                                                                                                                                                                                                                                                                                                           FEATURE
                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2002-02-20
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/409,293
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                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 19
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                             291 TGGAGGGAGCAGGAGCAT 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     273 CAGTAGCCCAGAAGACAGT
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Chowrira, Bharat
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                                                                                                      Conservative
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                                                                                                                                    100.0%;
                                                                                                                            1.2%; Score 19; DB 1; Length 19; 00.0%; Pred. No. 2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US 60/440,129
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Pred. No.
                                                                                               Mismatches
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2e+02;
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Publication No. US20040219671A1
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SEQ ID NO 104
LENGTH: 19
                                                                                                                                                          APPICANT: Meskigen, James
APPICANT: Chortis, Bhaza
APPICANT: Chortis, Bhaza
APPICANT: Chortis, Bhaza
TITIS OF INVESTION: Short Interfering Bucheic Acid (e18A)
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TITIE OF INVENTION: Short Interfering Mucheic Acid (sINA)
FILE REFERENCE: 00/137 (MEMBOR-198-A)
FILE REFEREN
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/440,129
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Inc

Conservative 100.0%; 1.2%; Score 19; 100.0%; Pred. No. 0

Mismatches

DB 1; Length 19 2e+02; Inde1s 0 Gaps 0

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PRICE PURICATION NOMERS: US 60/393,795
PRICE PLING NOTE: 1002-07-0,9
PRICE PRICE PRICE NOTE: 00/207-0,9
PRICE PRICE NOTE: 1002-07-0,9
PRICE PRICE NOTE: 1002-08-29
PRICE PRICE PRICE NOTE: 1002-08-29
PRICE PRICE PRICE NOTE: 1002-08-05
PRICE PRICE NOTE: 1002-08-05
PRICE RICHARD NOTE: 1002-08-05
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CURRENT FILING DATE: 2003-10-31
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowriz, Bharat
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; OTHER INPORMATION: Description of Artificial Sequence: sina antisense US-10-698-311-105
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PRICES APPLICATION NUMBER: 0202-07-29

PRICES PLIANE DATE: 2002-07-29

PRICES APPLICATION NUMBER: 105 607-06-784

RECES APPLICATION NUMBER: 105 607-06-784

RECES FILMS DATE: 0202-09-52

PRICES RELIKED NUMBER: 105 607-09-52

PRICES RELIKED NUMBER: 105 607-09-52

PRICES RELIKED NUMBER: 10502-09-59

PRICES RE
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2003-01-15
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CURRENT FILMA DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILMO DATE: 2003-02-30
PRIOR APPLICATION NUMBER: US_60/358,580
PRIOR APPLICATION NUMBER: US_60/358,580
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APPLCONT: Chowritz, Bhazia
APPLCONT: Chowritz, Bhazia
TiTLS OF INMWRITON: Short Interfering Muchatc Acid (s19A)
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APPLICANT: McSwiggen, James
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                                                                                                                                                        SEGIOS FILING DATE: 2002-07-29
PRIOS APPLICATION NUMBER US 60/406,784
PRIOS FILING DATE: 2002-08-29
PRIOS APPLICATION NUMBER US 60/408,378
PRIOS APPLICATION NUMBER: US 60/408,378
PRIOS APPLICATION NUMBER: US 60/409,293
PRIOS APPLICATION NUMBER: US 60/409,293
PRIOS FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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                                   NUMBER OF SEQ ID NOS: 310
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hes 19; Conserv
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APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
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FILING DATE: 2002-02-20
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00.0%; Pred. No. 2e+02;
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RESULT 137
US-10-698-311-108/c
; Sequence 108, Application US/10698311
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363 GAGCCCCACAGGAAGGAAT 381

Similarity

100.0%; "

pred. No. 2e+02; ; Mismatches 0;

Indels

0

Gaps

DB 1, Length 19;

Conservative

19

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-106
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Matches 19; Conserv
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Publication No. US20040219671A1
                                                                                       SOFTWARE: PatentIn version 3.2
SEQ ID NO 107
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITIS OF INVENTION: RNA Interference Mediated Treatment of TITIS OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REPERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION MOBER: US 60/386,782
PRIOR APPLICATION MOBER: US 60/393,796
PRIOR APPLICATION MOMER: US 60/393,796
PRIOR FILING DATE: 2002-05-03
PRIOR FILING DATE: 2002-07-03
PRIOR REPLICATION MOMER: 60/399,348
PRIOR REPLICATION MOMER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                        PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
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OTHER INFORMATION: Description of Artificial Sequence:
                                              ORGANISM: Artificial Sequence
                  FEATURE:
                                                                                                                                                                                                                                  FILING DATE: 2002-09-09
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Pred. No.
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Publication No. US20040219671A

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PRIOR PEPLICATION NUMBER: CTT/US03/05028
PRIOR PILLNO MARE: 2003-02-2
PRIOR PEPLICATION NUMBER: US 60/58,580
PRIOR PEPLICATION NUMBER: US 60/58,130
PRIOR PEPLICATION NUMBER: US 60/58,134
PRIOR PEPLICATION NUMBER: US 60/58,134
PRIOR PEPLICATION NUMBER: US 60/36,782
PRIOR PEPLICATION NUMBER: US 60/36,782
PRIOR PEPLICATION NUMBER: US 60/36,782
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 109, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                        TITIE OF INMPATION: NAN Interference Mediated Treatment of Parkinson Disease Using TITIE OF INMPATION: Not. Interference Mediated Treatment of Parkinson Disease Using TITIE REPERSING: 400/17 (MEMBO).198-11 (CIPERST PAPLICATION MYSTERS, UNIO/1698.)11 (CIPERST PAPLICATION MYSTERS, UNIO/1698.)11 (CIPERST PAPLICATION MYSTERS, UNIO/1698.)11 (CIPERST PAPLICATION MYSTERS, UNIO/1698.)11
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
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FILS REFERENCE: 400/137 (MSHB03-198-A)
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PRIOR APPLICATION NUMBER: US 60/363,124
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APPLICATION NUMBER: US 60/393,796
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100.0%; Pred. No.
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2e+02,
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US-10-698-311-110
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                                                                               ORGANISM: Artificial Sequence
                                             FEATURE:
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; FEATURE: ; FEATURE: ; PROMATION: Description of Artificial Sequence: sinA antisense region US-10-698-311-109
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SOFTWARE: Patentin version 3.2
SEQ ID NO 110
LENGTH: 19
                                                                          PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US (
PRIOR FILING DATE: 2003-01-15
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Best Local Similarity
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LENGTH: 19
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PRIOR APPLICATION NUMBER: US 6
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APPLICANT: McSwiggen, James
                                                              NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/406,78
                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/393,790
                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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                                                                                                                                                             FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
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APPLICATION NUMBER: 60/
FILING DATE: 2002-07-29
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APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
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Chowrira, Bharat
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100.0%; Pred. No.
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US-10-698-311-111/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 111
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                           Sequence 112, Application US/10698311
Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR PILING DATE: 2002-08-29
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PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/363,124
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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FILING DATE: 2002-07-03
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                                                           McSwiggen, James
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COMMENT SPRINGER 10010-01/1000
PRIOR REPLICATION HOMER, PETTREAD/0000
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Publication No. US20040219671A1
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APPLICANT: McSwiggen, James
APPLICANT: Hasherli, Peter
APPLICANT: Chowrira, Bharat
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TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
FILE REFERENCE: 400/137 (MERBOS-198-A)
                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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                                                                                                                                             FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
PILING DATE: 2002-08-29
FILING DATE: 2002-08-29
                                               FILING DATE:
                                                                                              APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           453 ACGAACCTGAAGCCTAAGA 471
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0 Mismatches

DB 1; Length 19 2e+02; Indels

0 Gape

2002-09-05

60/399,348

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR ELING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 400/137 (MHHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698-311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-2220/0755 EED
                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                PRIOR PILICATION NUMBER: US 60/499,293
PRIOR PILICADE DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF 800 1D NOS: 3310
                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29,
                                               sinA antisense
                                               region
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19 TITCTTGAGATCTGCTGAC 1

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; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-698-311-114
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                                                                                      Matches
                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                        SEQ ID NO 114
                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: 60/39,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR PILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378
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REIDR FILING LANE: 2022-20-20
REIDR FILING LANE: 2022-20-21
REIDR REPLICATION NIGHER: US. 60/363,124
REIDR REPLICATION NIGHER: US. 60/386,782
REIDR REPLICATION NIGHER: US. 60/393,796
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FILE REFERENCE: 400/137 (WHEND3-198-)
CURRENT APPLICATION NUMBER: US/10/698,311
GREENT FILIAN DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US/10/503/05028
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA)
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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nes 19; Conserv
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         489 TTTCTTGAGATCTGCTGAC 507
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                                                                                 conservative
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                                                                                                         100.0%;
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100.0%; Pred. No.
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                                                                                 Mismatches
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2e+02;
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                                                                                                                                                                                                                                                                                                          Sequence 116, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                   TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfeting Mucleic Acid (sINA) FILE REFERENCE: 400/137 (MBHB03-199-A) CURRENT APPLICATION NUMBER: US/10/58,311 CURRENT FILING DATE: 2003-10-31
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
                                           PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                           APPLICANT: Sirna Therapeutics, Inc
APPLICANT: McSwiggen, James
APPLICANT: Habberli, Peter
APPLICANT: Chowriza, Bharat
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Haeberli, Peter Chowrira, Bharat

Parkinson Disease Using

19:

Conservative 100.0%, 0; Score 19; Pred. No. Mismatches

DB 1, Length 19 0; Indels

0 Gaps

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/ OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
US-10-698-311-115
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                                                                                                                                                                   NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 115
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Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITUE OF INVESTION: RAW Interference Mediated Treatment of Parkineon Disease Using TITUE OF INVESTION: Short Interfering Model Acid (sinh) FILE REFERENCE: 400/137 (MRH003-198-A) CUMBENT APPLICATION MORBER: 02/10/58-A) T
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
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                                                          FEATURE:
                                                                                 ORGANISM: Artificial Sequence
                                                                                                                    TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-06-06
                                                                                                                                            LENGTH:
                                                                                                                                            19
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Chowrira, Bharat
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FILING DATE: 2002-02-20

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US-10-698-311-117/c
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PRIOR PILLNG MORTE 2002-08-29
PRIOR APPLICATION HUMBER: US 60/408,378
PRIOR PILLNG MORTE 2002-09-05
PRIOR PILLNG MORTE 2002-09-05
PRIOR PILLNG MORTE 2002-09-09
PRIOR PILLNG MORTE 2002-09-09
PRIOR PILLNG MORTE 2002-09-07-125
PRIOR PILLNG MORTE 2002-09-01-15
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LENGTH: 19
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Publication No. US20040219671A1
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PRIOR PILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DEPICANT: Haberil, Peer
APPICANT: Chorita, Bharat
TITLE OF INMERTION: IND. Incorference Mediated Treatment of Parkinson Disease Using
TITLE OF INMERTION: Short Interfering Nucleic Acid (BIMA)
TILE REPREMENT: 400/137 (MEND): 198-8)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sirna
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                                                                                              PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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SOFTWARE: PatentIn version 3.2
                          NUMBER OF SEQ ID NOS: 310
                                         PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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APPLICATION NUMBER: US 60/386,782
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                                                                                                                                                                                                                                                           FILING DATE: 2002-07-29
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Pred. No.
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SEQ ID NO 117

문

Matches Query Match

19; Similarity

Conservative

0

Mismatches

Indels

0

Gaps

0

siNA antisense region

2e+02; Length 19

1.2%; Score 19; 100.0%; Pred. No.

561 TCTCAAAGTTTTTACAGTG 579

19 TCTCAAAGITTTTACAGIG

US-10-698-311-119/c

Sequence 119, Application US/10698311 Publication No. US20040219671A1

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, OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-118
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Publication No. US20040219671A1
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                          SEQ ID NO 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                          PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/406,794
PRIOR FILING BATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING BATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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                                                                                                                                                            SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                     ORGANISM: Artificial Sequence
                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/393,796
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100.0%; Pred. No.
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INFORMATION

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US-10-698-311-120/c
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US-10-698-311-119
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GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 120, Application US/10698311
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SEQ ID NO 119
LENGTH: 19
                                                                          PRICES HEPLICATION NUMBER: PCT/US03/05028

REICH FILME GARE: 2002-0-2.

PRICES HEPLICATION NUMBER: US 60/358,580

PRICES HELME GARE: 2002-0-12 (60/353,124

PRICES HILME GARE: 2002-0-11 (5 60/366,782

PRICES HILME GARE: 2002-0-11 (5 60/366,782
                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfeting Nucleic Acid (sina) FILE REFERENCE: 400/137 (MSHB03-198-A) CURRENT APPLICATION NUMBER: US/10/58,311 CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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APPLICANT: McSwiggen, James
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PRIOR RILING DATE: 2002-09-05 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR RILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: US 66/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 66/386,782
PRIOR FILING DATE: 2007-06-06 66/386,782
PRIOR PELICATION NUMBER: US 66/333,736
PRIOR APPLICATION NUMBER: US 66/333,736
PRIOR PELICATION NUMBER: US 66/333,736
PRIOR PELICATION NUMBER: US 66/333,736
PRIOR PILING DATE: 2007-07-03
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/358,580
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APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
                                                         FILING DATE: 2002-06-06
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Pred. No.
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                                                 SEQ ID NO 121
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                                                                    SOFTWARE: PatentIn version 3.2
                                                                                             PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                     PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                  PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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TYPE: RNA
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                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 2002-07-03
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b. US20040219671A1
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100.0%; Pred. No.
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2e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: einA antisense region US-10-698-311-121

ORGANISM: Artificial Sequence

FEATURE:

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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 310
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 1122
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 122, Application US/10698311
Publication No. US20040219671A1
                                                                                                                             Sequence 123, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: RNA interference Mediated Treatment of Parkinson Disease Using 
TITLE OF INVENTION: Short Interfering Nobel Acid (sINA) 
FILE REPRENCE: 400 (17) (MERIO-108-4).11 
CURRENT PARICATION NOBER: 05/10/69-311 
CURRENT FALICATION (NOBER: 05/10/69-311 
CURRENT FILING (NATE: 2003-1-2-1).
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PRIOR APPLICATION NUMBER: US
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE:
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
                                                                   APPLICANT:
                                                                                     APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James
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                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 100.0%;
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Haeberli, Peter
Chowrira, Bharat
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100.0%; Pred. No. 2e+02;
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Pred. No. 2e+02;
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SEQ ID NO 123
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
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                                                                                                                                                                           SOFTWARE:
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/363,124
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OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                     ORGANISM: Artificial Sequence
                                                                                  TYPE: RW
                             FEATURE
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US-10-698-311-124/c PRIDE PINICATION INDEEN. UB 60/58.580
PRIDE FILMU ANTE: 4020-2-0
PRIDE APPLICATION NUMBER: US 60/36.1144
PRIDE APPLICATION NUMBER: US 60/36.782
PRIDE APPLICATION NUMBER: US 60/36.782
PRIDE APPLICATION NUMBER: US 60/36.782
PRIDE APPLICATION NUMBER: US 60/36.793.796
PRIDE APPLICATION NUMBER: US 60/39.796 Sequence 124, Applic publication No. US20 GENERAL INFORMATION: TITLE OF INVENTION: RNA IN terfarence Mediated Treatment of INVENTION: Short Interfaring Nucleic Acid (sina) FILE REPERENCE: 400/137 (MRH803-198-A) CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 APPLICANT: APPLICANT: APPLICANT: Sirna Therapeutics, PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29 PRIOR APPLICATION NUMBER: 60/399,348 APPLICATION NUMBER: US 6 APPLICATION NUMBER: US 60/408,378 19 CTTTCACTGANGTGNATAC 1 Chowrira, Bharat McSwiggen, Jame Haeberli, Peter Application US/10698311 b. US20040219671A1 US 60/409, 29 Inc Parkinson Disease Using

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US-10-698-311-125
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PRIOR PELING MORE: 2010-03-20
PRIOR APPLICATION KINDER: UB 60/38,580
PRIOR PELING MORE: 2010-02-20
PRIOR PET/1807 MORE: 2010-02-20
PRIOR MORE: 2010-02-20
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SOFTWARE: PatentIn versio
SEQ ID NO 125
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-07-03
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: US 60/440,129
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US-10-698-311-127/c
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US-10-698-311-126
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                                                                                                                                                                                                                                                                                           Publication No. US20040219671A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics,
                                                          APPLIANT: Chortis; Bhistier Applied President of Faction Disease Using Till D PROFILES MAN Interference Mediated Teatmont of Factions Disease Using First Applied Company (1997) Monage travel Monage Acid (slbh)
Trill BERENGE: (0)/130 Monage (S)/1098311
CURRENT PROFILES (1997) MONAGE: (5)/1098311
CURRENT PROFILES (1997) MONAGE: (5)/1098/199311
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PRIOR FILING DATE: 2002-02-20
                   PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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: Sirna Therapeutics,

Application US/10698311

McSwiggen, James Haeberli, Peter Chowrira, Bharat

Similarity

1.2%; Score 19; DB 1; 100.0%; Pred. No. 2e+02 0 Migmatches

Length 19 0; Indels

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Conservative

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PRIOR PAPLICATION WINNERS: 10/399,348
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SOFTWARE: PatentIn version 3.2
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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US-10-698-311-128/C
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Best Local Similarity 100.0%;
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SEQ ID NO 127
LENGTH: 19
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Publication No. US20040219671A1
SOFTWARE: PatentIn version 3.2
SEQ ID NO 128
LENGTH: 19
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR PILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                         PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PILING DATE: 2003-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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Pred. No. 2e+02;
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RESULT 159

Sequence 130, Application US/10698311 Publication No. US20040219671A1

GENERAL INFORMATION:

US-10-698-311-129

PEATURE:

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: sina

antisense region Gaps

Matches Query Match

19; Similarity

Conservative 100.0%; 1.2%; Score 19; 00.0%; Pred. No. 0

Mismatches

DB 1; Length 19; 2e+02;

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759 ATTTCTAAATCCTCACTAT 777

19 ATTTCTAAATCCTCACTAT

Local

SEQ ID NO 129 LENGTH: 19

SOFTWARE: PatentIn version 3.2

NUMBER OF SEQ ID NOS: 310

PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15 PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293 PRIOR FILING DATE: 2002-08-29 PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784

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US-10-698-311-129/C
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Publication No. US20040219671A1
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
                                                                                    PRIOR FILING DATE: 2002-06-06
                                                                                              PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/363,124
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Haeberli, Peter
Chowrira, Bharat
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APPLICANT: Sirns Therapeutics,

Inc

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CHEMEN PAPLICATION MODELS ($\frac{1}{2}\) ($\f
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Publication No. US20040219671A1
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APPILOWN: Namerie Na Natherence Wellsted Testment of Parkinson Disease Using
TITLE OF INVESTOR: Short Interfeting Nacheta Acid (sisk)
FILE REFERENCE: 200/171 (MSHOR) -138-A1
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APPLICANT: Haeberli,
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: US 60/386,782
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CURRENT FILING DATE: 2003-10-31
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TITUS OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/137 (MERBO3-198-A)
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                                            FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
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100.0%; Pred. No.
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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                                                                                                  ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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FILING DATE: 2002-09-09
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Pred. No.
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US-10-698-311-134/C
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Publication No. US20040219671A1
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                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                     Sequence 134, Application US/10698311
Publication No. US20040219671A1
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PRIOR FILIMA DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILIMA DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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APPIACOMT Habbril, Peter
APPIACOMT MACHINE IN BARTEFERENCE Mediated Treatment of Parkinson Disease Using
TITUE OF EMPHATION: SBORT Interfering Naciatic Acid (sixM)
FILE REFERENCE: 60/177 (Mediac):388-A)
                                                                                                                          APPLICANT: Sirna Therapeutics,
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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Haeberli, Peter
Chowrira, Bharat
                                                                                                        McSwiggen,
                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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00.0%; Pred. No. 2e+02;
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: 60/399,348
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                                                 ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 2002-07-29
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siNA antisense region
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1.2%; o, Score 19; Pred. No. Mismatches 2e+02 DB 1; Length 19 Indels 0 Gaps

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19 TAATGATACTGTCTAAGAA

Seguence 135, Application US/10698311 Publication No. US20040219671A1 APPLICANT: Sirns Therapeutics, Haeberli, Peter Chowrira, Bharat McSwiggen, James

APPLICANT: (Chowrita, Bharat Period Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR TILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20 PRIOR EPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29 PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR PILING DATE: 2002-06-06
PRIOR PILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11 APPLICATION NUMBER: US 60/406,784 FILING DATE: 2002-08-29 APPLICATION NUMBER: US 60/408,378 FILING DATE: 2002-09-05 NUMBER: US 60/409,293

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US-10-698-311-136
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Best Local Similarity
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LENGTH: 19
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TITLE OF INVESTIGATE BAR. Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVESTIGATE BAR. Interference Audit (slah)
TITLE REFERENCE. 101/171 (Memph.: 55:A4)
CURBERT TITLE CHART. 101/171 (Memph.: 55:A4)
CURBERT TITLE CHART. 2010-10-11
CURBERT TITLE CHART. 2010-10-11
PRICES FULLED CHART. 2010-10-10
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PRICE FULL CHART.
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PRICOR PRICOR CONTROL 2002-09-29
PRICOR APPLICATION NUMBER: US 66/408,378
PRICOR PILING LARE: 2002-09-09
PRICOR PILING LARE: 2002-09-09
PRICOR PILING LARE: 2002-09-09
PRICOR PILING LARE: 2002-09-09
PRICOR APPLICATION NUMBER: US 66/440,129
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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APPLICANT: Chowrira, Bharat
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                                        19 ATTIGITAATATATATAT 1
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100.0%; Pred. No.
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Publication No. US20040219671A1
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LENGTH: 19
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Publication No. US20040219671A1
                                                                                                                                                                                        TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (GINA) FILE REFERENCE: 400/137 (MSHB03-199-N) CURRENT APPLICATION NUMBER: US/10/588,311 CURRENT FILING DATE: 2003-10-31
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PRIOR
                                PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                        PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrire, Bharat
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APPLICATION NUMBER: US 60/363,124
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19 TACTTAAAAATATGTGAGC 1

Parkinson Disease Using

Conservative 100.0%;

1.2%; Score 19; DB 1; Length 19; D0.0%; Pred. No. 2e+02;

siNA antisense region

0; Mismatches

0 Gaps 0

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GENERAL INFORMATION
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THE REFERENCE: 40/1/17 (MERDI)-198-A)
CURRENT FAULTIC NAMERIN: US/10/583.311
CURRENT FILING DATE: 2003-10-31
                                                                                                                        SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
                                                                                                                                                        NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-07-29
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ORGANISM: Artificial Sequence
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Chowrira, Bharat
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BRITON POPILIONIUM ROMERS: US 60/40/0,784
PRICON RAPILLONIUM: 100200-0-1
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PRICON RILING UNITE: 100200-0-1
PRICON RILING UNITE: 100200-1-1
PRICON RILING UNITE: 2003-01-15
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                                                                                                          PRIOR FILMO DATE: 2020-07-03
PRIOR FILMO DATE: 2020-07-03
PRIOR FILMO DATE: MOMES: 05.0406,784
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PRIOR FILMO DATE: MOMES: 05.0406,784
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PRIOR PRICORTON MOMES: US 60/409,29
PRIOR PRICOR PRICORDON DATE: 0200-09-09-09-0440,739
PRIOR PRICOR FILMO DATE: 2020-09-09-04440,739
PRIOR FILMO DATE: 2020-09-09-04440,739
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Publication No. US20040219671A1
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version
SEQ ID NO 139
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/393,796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/358,580
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Haeberli, Peter
                                                                         2003-01-15
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TYPE: RM

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Query Match

Best Local Similarity 100.0%; Matches 19; Conservative

1.2%; Score 19; 00.0%; Pred. No.

DB 1; 2e+02;

Length 19; 0; Indels

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Gaps

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0

Mismatches

957 TITTACCATTITGCGATGT 975

19 TTTTACCATTTTGCGATGT 1

RESULT 170 US-10-698-311-141/c

Sequence 141, Application US/10698311; publication No. US20040219671A1; GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc

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/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region US-10-698-311-39
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PRICES FILMU DETE: A002-07-26
PRICES ASPLICATION NUMBER: US 60/363,124
PRICES ASPLICATION NUMBER: US 60/366,782
PRICES ASPLICATION NUMBER: US 60/384,782
PRICES FILMU DATE: A002-06-66
PRICES FILMU DATE: A002-06-66
PRICES FILMU DATE: A002-06-66
PRICES FILMU DATE: A002-06-66
PRICES ASPLICATION NUMBER: US 60/393,796
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region US-10-638-311-40
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                                                                                                                     SEQ ID NO 140
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinh)
                                                                                                                                                               PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: US 60/406,784
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                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
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hes 19, Conserv
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R APPLICATION NUMBER: US 60/409,293
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Chowrira, Bharat
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2e+02;
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Chowrira

Bharat

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US-10-698-311-142/c
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CURRENT PLICED DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILME DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358.580
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Chorrica Bharat
TITLE OF INVENTION: BM Interference Mediated Treatment of Parkinnon Disease
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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APPLICANT: Haeberli, Peter
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SOFTWARE: PatentIn version
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PRIOR FILING DATE: 2002-07-29
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-07-03
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PRIOR PILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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                                                                                             PILING DATE: 2002-02-20
APPLICATION NUMBER: US 60/363,124
FILING DATE: 2002-03-11
APPLICATION NUMBER: US 60/386,782
                                              FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
APPLICATION NUMBER: 60/399,348
                         FILING DATE: 2002-07-03
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ilarity 100.0%;
Conservative
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Pred. No. 2e+02
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US-10-698-311-143

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region

Query Match Best Local Similarity

1.2%; Score 19; 100.0%; Pred. No.

DB 1; Length 19 . 2e+02;

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US-10-698-311-143/c
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                                                                       SEQ ID NO 143
LENGTH: 19
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GENERAL INFORMATION
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Publication No. US20040219671A1
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Best Local Similarity
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SEQ ID NO 142
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                                                                                                                    SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                       PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR FILING DATE: 2003-02-20
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                    ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR PRILING DATE: 2003-01-15
FEATURE:
                                                  TYPE: RNA
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PRIOR FILING DATE: 2002-08-29
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APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
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Chowrira, Bharat
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100.0%; Pred. No.
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US-10-698-311-144/c
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Publication No. US20040219671A1
                                                                                                                                                                                                                                               GENERAL INPORMATION:
APPLICANT: SITUATION James
APPLICANT: MCSWiggen, James
APPLICANT: Hamberli, Peter
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Best Local Similarity
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LENGTH: 19
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PRICOR PELLEY TON UNMER, US 60/406,378
PRICOR PELLEYTION NUMBER: US 66/406,378
PRICOR PILLYE OF MER. 2012-9-05
PRICOR PELLEYTION UNMER. US 66/409,293
PRICOR PELLEYTION UNMER. US 66/440,129
PRICOR PELLEY DATE: 2012-9-09
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Publication No. US20040219671A1
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PRIOR PILING BATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR APPLICATION NUMBER: US 60/408,378
RICH APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILTNG DATE: 2002-03-11
PRIOR FILTNG DATE: 2002-03-12
PRIOR PILTNG DATE: 2002-06-06
PRIOR PILTNG DATE: 2002-06-06
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PRIOR FILTNG DATE: 2002-06-07
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
PREJICANT: Chowrits, Bharst
TITLE OF INVENTION: BAN Interference Mediated Treatment of Parkinson Disease
TITLE OF INVENTION: BAN Interfering Nucleic Acid (sixa)
FILE REFERENCE: 400/137 | Media07-189-A)
CURRENT APPLICTUR NUMBER: 125/10/658,311
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PRIOR APPLICATION NUMBER: US 60/358,580
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Publication No. US20040219671A1
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FILE REFERENCE: 100 (J.) Mediabl. 198-A)
FILE REFERENCE: 100 (J.) Mediabl. 198-A)
GURBART APPLICATION MANSER: US/J.0(698.)311
GURBART FILING MERE: 200 1.00 (J.) (198-A)
GURBART FILING MERE: 200 1.00 (J.) (198-A)
GURBART FILING MERE: 200 1.00 (J.) (198-A)
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PRIOR APPLICATION NUMBER: US 60/358,580
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PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-07-03
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                    PILING DATE:
APPLICATION :
                                                                                   APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
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Chowrira, Bharat
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1.2%; Score 19; DB 1; 100.0%; Pred. No. 2e+02;

DB 1; Length 19;

Mismatches

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NUMBER: US 60/440, 125

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SOFTWARE: PatentIn version 3.2
SEQ ID NO 145
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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ORGANISM: Artificial Sequence
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US-10-698-311-147
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SEQ ID NO 147
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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CURRENT FILMS DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILMS DATE: 2003-10-22
PRIOR FILMS DATE: 2003-03-29
PRIOR FILMS DATE: 2005-03-29,580
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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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APPLICANT: Haeberli,
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                                                                                                                                          1083 ATGCTTATAAGCAACATGA 1101
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Chowrira, Bharat
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Pred. No.
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2e+02;
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US-10-698-311-149/c
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APPLICANT: SATIM "Energention and
APPLICANT: Scholinger, James
APPLICANT: Scholinger, James
APPLICANT: Scholinger, James
APPLICANT: Scholinger, James
TIPLE OF THEORYTON. Short: Interfering Nucleon Acid (sink)
TIPLE SEPERSHORT: SCHOLINGER: SCHOLIN
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                     PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US03/05028
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FILING DATE:
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o. US20040219671A1
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Conservative

100.0%; Score 19; ; Pred. No. Mismatches

DB 1; Length 19; 2e+02;

0 Gaps 0

Parkinson Disease Using

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Sequence 148, Application US/10698311
Publication No. US20040219671A1
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                               SOFTWARE: Patentin version 3.2
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PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/396,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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                                                                                                                                                               NUMBER OF SEQ ID NOS: 310
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
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US-10-698-311-150/c
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Publication No. US20040219671A1
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Best Local Similarity
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PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                   SOFTWARE: PatentIn version 3.2
SEQ ID NO 150
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TITLE OF IMPNITION: Short Interfering Nucleic Acid (six)A)
FILE REFERENCE: 400/137 (Mediatol:158-8) Nucleic Acid (six)A)
CIRBERT REFLICATION MOMERIE: US/10/688 311
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 6
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                   NUMBER OF SEQ ID NOS: 310
                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
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APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
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FILING DATE: 2002-08-29
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                                                     Sequence 152, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                  US-10-698-311-152/c
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RESULT 181

APPLICANT:

APPLICANT: Sirna Therapeutics, Inc

McSwiggen, James

Query Match 1.2%; Score 19; Best Local Similarity 100.0%; Pred. No.

Conservative

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Mismatches DB 1; 2e+02;

Indels

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Length 19

1155 GAAGGAGGAATTTTAGAAG 1173

OTHER INFORMATION: Description of Artificial Sequence: sina antisense region

PEATURE:

Matches 19;

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US-10-698-311-150
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Best Local Similarity
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Macches
                                                              SOFTWARE: PatentIn version 3.2
SEQ ID NO 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITIE OF INVENTION: RNA Interference Mediated Treatment of TITIE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REPERBNCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                    PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US03/05028
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OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                          NUMBER OF SEQ ID NOS: 310
                                                                                                                                 PRIOR FILING DATE:
                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/358,580
ORGANISM: Artificial Sequence
                      TYPE: RNA
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/399,348
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                                                                                                                                                                                                                                                                                                               FILING DATE: 2002-07-29
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Haeberli, Peter
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100.0%; Pred. No.
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2e+02;
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US-10-698-311-153/c
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US-10-698-311-152
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APPLICANT BLAM PROPERTIES Inc.

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APPLICANT BLAMBALL PROPERTIES AND ARCHITECTURES AND ARCHITEC
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CURRENT FILING DATE. 2005-10-31
REIGO APPLICATION NUMBER: CCT/USD3/05028
REIGO APPLICATION NUMBER: CCT/USD3/05028
REIGO APPLICATION NUMBER: US 66/358.580
REIGO APPLICATION NUMBER: US 66/353,124
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Publication No. US20040219671A1
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Best Local
                                                                                                                              PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US a
PRIOR FILING DATE: 2002-07-03
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PRIOR PILING DATE: 2002-00-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-00-05
PRIOR PILING DATE: 2002-00-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILINA DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2003-02-20
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                                                                                       APPLICATION NUMBER: 60/399,348
APPLICATION NUMBER: US
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US-10-698-311-154

OTHER INFORMATION: Description of Artificial Sequence:

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Query Match Best Local Similarity

Matches

Conservative

1.2%; Score 19; DB 1; Length 19 100.0%; Pred. No. 2e+02; tive 0; Mismatches 0; Indels

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US-10-698-311-154/c
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US-10-698-311-153
                                                                                                SEQ ID NO 154
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PRIOR APPLICATION WINDER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOPTWARE: Batentin Version 3.2
SEQ ID NO 153
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Publication No. US20040219671A1
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Best Local Similarity
                                                                                                                     SOFTWARE: Patentin version 3.2
                                                                                                                                         NUMBER OF SEC ID NOS: 310
                                                                                                                                                                                       PERIOR APPLICATION NIMBER: US 60/406,784
PERIOR PILLNE DURE: 2002-08-29
PERIOR APPLICATION NIMBER: US 60/408,378
PERIOR PRILING LINE: 2002-09-09
PERIOR PRILING DATE: 2002-09-09
PERIOR PRILING DATE: 2002-09-09
PERIOR APPLICATION NIMBER: US 60/440,129
PERIOR APPLICATION NIMBER: US 60/440,129
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-06-06
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                    ORGANISM: Artificial Sequence
                                             TYPE: RNA
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
FEATURE:
                                                                       LENGTH: 19
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2e+02;
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US-10-698-311-155/c
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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
SEQ 1D NO 155
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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APPILOMT: (Contries, Bharet
TITLE OF INVENTION; RAW, Interference Mediated Treatment of Parkinson Disease
TITLE OF INVENTION; Short: Interfering Modeld 64:14 (SIM)
                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                      Sequence 156, Application US/10698311
Publication No. US20040219671A1
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Best Local Similarity
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: US 60/440,129
                                             APPLICANT: Strma Therapoulie, Inc.
APPLICANT: Messign, Ames
APPLICANT: Messign, Amesicant of Parkinson Disease thing
APPLICANT: MYSTICAN: Short Interfering Nucleic Acid (4NN)
TILE REPERSENCE: 40/12/1 (Messign, 1964).
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
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100.0%; Pred. No.
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                  FILING DATE: 2002-09-09
APPLICATION NUMBER: US 60/440,129
FILING DATE: 2003-01-15
                                                                             APPLICATION NUMBER: US 60/409, 293
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 156
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: US
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PRIOR APPLICATION NUMBER: 60/399,348
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OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                     ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/440,129
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APPLICATION NUMBER: US 60/358,580
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Best Local Similarity Matches 19; Conserv Conservative 1.2%; 0; Mismatches Score 19; DB 1; ; Pred. No. 2e+02; Length 19; Indels 0 0;

GENERAL INFORMATION: Publication No. APPLICANT: Sirna Therapeutics, Haeberli, Peter Chowrira, Bharat McSwiggen, Application US/10698311 o. US20040219671A1

APPLIANT: COOKTIA: Bhaste Testes of Parkisson Disease Using TITLS OF INVESTION: BACK Interference Mediated Treatment of Parkisson Disease Using TITLS OF INVESTION: Short Interfering Muclaic Acid (sINA) TITLS REFERENCE: 40(737) Member-1989 A)
TITLS REFERENCE: 40(737) Member-1989 A)
CURRENT APPLIANTION NUMBER: 105/10/458-311
CURRENT APPLIANTION NUMBER: 105/10/458-311
CURRENT PILING DATE: 2003-19-31 Avenue

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06 PRIOR APPLICATION NUMBER: US 60/363,124 PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20 PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29 PRIOR APPLICATION NUMBER: PCT/US03/05028 APPLICATION NUMBER: US 60/406,784 FILING DATE: 2002-08-29 APPLICATION NUMBER: US 60/408,378 FILING DATE: 2002-09-05 APPLICATION NUMBER: US 60/393,796

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RESULT 188
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Best Local
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LENGTH: 19
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SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-09-09
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PRICE REPLICATION NUMBER: US 60/406,784
PRICE APPLICATION NUMBER: US 60/406,784
PRICE APPLICATION NUMBER: US 60/408,378
PRICE APPLICATION NUMBER: US 60/408,378
PRICE RELING DATE: 2002-09-05
PRICE APPLICATION NUMBER: US 60/409,239
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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APPLICANT: Haeberli, Peter
APPLICANT: Chownira, Bharat
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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 157
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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ORGANISM: Artificial Sequence
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100.0%; Pred. No.
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                                                                                                                  TITLE OF INVENTION, DRA Interference Mediated Tratement of Parkinson Disease Weing TITLE OF INVENTION, DRACE Interfering Nucleic Acid (slam).

CURBENT PRINCE: 400/137 (Messon-19-1) CURBENT PRINCE: 400/130 (Messon-19-1) CURBENT PRINCE: 400/1048/111 (Messon-19-1) CURBENT PRINCE: 400/16/88/111 (Messon-19-1) CURBENT PRINCE: 400/16/88/11 (Messo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 160, Application US/10698311
Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/386,782
                                                             PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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                                      FILING DATE: 2002-03-11
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Chowrira, Bharat McSwiggen, James Haeberli, Peter US20040219671A1

Conservative

0, Mismatches

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0

100.0%;

1.2%; Score 19; DB 1; Length 19; 100.0%; Pred. No. 2e+02;

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; OTHER INFORMATION: Description of Artificial Sequence: sinh antimense region US-10-698-311-159
                                                                                                                                             SEQ ID NO 159
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT PAPLICATION NOMERS. 1057-07599, 311
CURRENT PAPLICATION NOMERS. PCT/US03/05028
PRIOR PAPLICATION NOMERS. PCT/US03/05028
PRIOR PAPLICATION NOMERS. PCT/US03/05028
PRIOR PAPLICATION NOMERS. US 60/358,580
PRIOR PAPLICATION NOMERS. US 60/363,124
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Publication No. US20040219671A1
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APPLICANT McSwiggen, James
APPLICANT Choritz, Bharat
APPLICANT Choritz, Bharat
TITLE OF IMPRICO; Short Interfering Noistc Acid (siNA)
                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR PELICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sirna
                                                                                  ORGANISM: Artificial Sequence
                                                                                                                TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-07-03
                                                          FEATURE:
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US-10-698-311-161/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2002-07-29
FRICAR APPLICATION NUMBER: US 60/406,784
FRICAR FILING DATE: 2022-08-29
FRICAR FILING DATE: 2022-08-29
FRICAR FILING DATE: 2022-08-29
FRICAR FILING DATE: US 60/409,293
FRICAR FILING DATE: 1002-08-99
FRICAR FILING DATE: 1002-08-99
FRICAR FILING DATE: 1002-08-99
FRICAR FILING DATE: 2002-07-109
FRICAR FILING DATE: 2002-07-109
FRICAR FILING DATE: 2002-07-109
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SEQ ID NO 160
LENGTH: 19
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Best Local Similarity
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Publication No. US20040219671A1
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                                                    SOFTWARE: PatentIn version 3.2
SEQ ID NO 161
LENGTH: 19
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITIS OF INVENTION: RNA Interference Mediated Treatment of TITIS OF INVENTION: Short Interfering Nucleic Acid (sin) FILE REFERENCE: 400/137 (MBH803-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 310
                                                                                                                                               PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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                                                                                                                                 NUMBER OF SEQ ID NOS: 310
         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
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                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                               FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                                                                                                              FILING DATE: 2002-07-29
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Chowrira, Bharat
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00.0%; Pred. No.
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2e+02;
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                                                                                                                                          US-10-698-311-163/c
                                                                                                                                                                  RESULT 192
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                                                                                                                                                                                                                                                                                                                                Matches
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
APPLICANT: Sirna Therapeutics, Inc
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 19
                                                                                                                                                                                                                                     19 TITGCTTTATGTATTTTGG 1
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OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
1.2%;
Score 19;
pred. No.
     DB 1;
2e+02;
                Length 19;
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1335 CCTTCAATCCTGTCAATGT 1353 19 CCTTCAATCCTGTCAATGT 0 Mismatches 0; Indels 0

0

Sequence 162, Application US/10698311 Publication No. US20040219671A1 APPLICANT: Chowrira, Bharat APPLICANT: Sirna Therapeutics,

TITLE OF INVENTION; BAN Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION : Short Interfering Notice Acid (siAN) FILE REFERENCE: 400-0139 (MEMBER) 158-311
CHEMBER PARLICATION NOMERS: US/10-683

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348 PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06 PRIOR APPLICATION NUMBER: US 60/363,124 PRIOR FILING DATE: 2002-03-11

PRIOR FILING DATE: 2002-09-09 PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2003-01-15 PRIOR APPLICATION NUMBER: US 60/409,293

) OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-162 ORGANISM: Artificial Sequence siNA antisense region

Query Match 1.2%; Score 19; DB 1; Best Local Similarity 100.0%; Prod. No. 2e+02 1353 TITGCTTTATGTATTTTGG 1371 Conservative 0 Mismatches 26+02; Length 19 Indels 0

Sequence 163, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:

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US-10-698-311-164/c
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Publication No. US20040219671A1
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SOFTWARE: PATENTIN version 3.2
SEQ ID NO 163
LENGTH: 19
                                                                          PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 6
PRIOR FILING DATE: 2002-07-03
PRIOR PRIOR APPLICATION NUMBER: 60/3
                                                                                                                                                                          PRIOR FILING NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-00-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-03-12
                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chowrita, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                                                                     APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
                                                     FILING DATE: 2002-07-29
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FILING DATE: 2002-09-09
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100.0%; Pred. No
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US-10-698-311-165
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PRICE FILLNE DATE: 2022-07-29
PRICE FILLNE DATE: 2022-08-29 67/406,748
PRICE FILLNE DATE: 2022-08-29 67/406,749
PRICE FILLNE DATE: 2022-08-29 67/409,749
PRICE FILLNE DATE: 2022-08-29 67/409,233
PRICE FILLNE DATE: 2022-08-29 78/208 FILLNE DATE
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PRIOR PELING NUMBER: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/38,580
PRIOR PELING NUMBER: 2002-02-60/38,114
PRIOR APPLICATION NUMBER: US 60/38,114
PRIOR APPLICATION NUMBER: US 60/38,114
PRIOR APPLICATION NUMBER: US 60/36,782
PRIOR APPLICATION NUMBER: US 60/36,782
PRIOR METALING DAME: 2002-06-66
PRIOR FILING DAME: 2002-06-66
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                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 165
LENGTH: 19
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Best Local Similarity
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SOFTWARE: Patentin version 3.2
SEQ ID NO 164
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 165, Application US/10698311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT imebali, Peter
APPLICANT imebali, Peter
APPLICANT imedia, Bhazet Genome Mediated Treatment of
Title Or IMPRITION 18M, Interference Mediated Cond (BINA)
Title SEPERMENT 100/13/19 (Messey, 1984)
APPLICATION HOMERS. US/10/689, 311
CURBERT PALICATION HOMERS. US/10/689, 311
CURBERT FILING (AMER. US/10/689, 311)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05 60/409,293
PRIOR REPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR PILING DATE: 2003-01-15
                                                          OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sirna Therapeutics,
                                                                                                                                                 PEATURE:
                                                                                                                                                                                                                                                                                                  TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1389 TGTATGTGTTTATAATTGT 1407
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 TGTATGTGTTTATAATTGT 1
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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2e+02;
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Best Local Similarity Matches 19; Conserv Query Match

Conservative

1.2%; Score 19; DB 1; 100.0%; Pred. No. 2e+02; stive 0; Mismatches

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US-10-698-311-166/c
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CITESENT PETLINA DATE: 0003-10-11
PRICOR PETLINA DATE: 2003-10-12
PRICOR PETLINA DATE: 2003-10-12
PRICOR PETLINA DATE: 2003-10-12
PRICOR PETLINA DATE: 2003-10-12
PRICOR PETLINA DATE: 2003-10-11
PRICOR PETLINA DATE: 2003-11-11
PRICOR PETLINA DATE: 2003-11-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 166, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                Sequence 167, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.2
SEQ ID NO 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/137 (MRHSD1-98-5)
TERRICAN' SIAMA "PRANSPALES, INC.

NERICANT: Medically manes

NERICANT CONSTRUCT

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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR TIME DATE: 2002-06-06
PRIOR PILING DATE: 2002-06-07
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-09
PRIOR PILING DATE: 2002-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1407
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 McSwiggen,
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        SEQ ID NOS:
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 167
                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR TILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 66/408,378
PRIOR FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 2002-02-20
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                                                                                                                                         NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/409, 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/363,124
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                            FILING DATE: 2002-09-09
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/ OTHER INPORMATION: Description of Artificial Sequence: siNA antisense region US-10-698-311-167 Best Local Similarity Conservative 100.0%; 1.2%; Score 19; DB 1; 100.0%; Pred. No. 2e+02; 0 Mismatches Length 19; Indels 0; 0

1443 TIGITATTTTTGTCTCGAA 1461

19 TIGITATITITITITICICAN

GENERAL INFORMATION Sequence 168, Application US/10698311 Publication No. US20040219671A1 APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James Haeberli, Peter Inc

PRICE ELIMEN DATE: 2002-07-33

RECOR MAPLICATION WOMEN: 602-07-28

RECOR FLING DATE: 2002-07-28

RECOR FLING DATE: 2002-07-28

RECOR FLING DATE: 2002-07-28

RECOR FLING DATE: 2002-07-38

RECORD DATE: 2002-07-38

RECORD DATE: 2002-07-38

RECORD DA APPLICANT: Chowiles, Bharat TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/137 (MBHB03-198-A)

PRIOR APPLICATION NUMBER: PCT/US03/05028

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-169
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RACOM PAT/MONTH MONTH AGGO (202.0)

RACOM RAPILATION MONTH MONTH AGGO (202.0)

RACOM RAPILATION MONTH MONTH MONTH AGGO (2015.1)

RACOM RAPILATION MONTH MONTH MONTH AGGO (2015.1)

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RACOM RAPILATION MONTH MONTH MONTH AGGO (2016.7)

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Publication No. US20040219671A1
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SEQ ID NO 168
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-07-29
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Best Local Similarity 100.0%; Pred. No.
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TITUE OF INVENTION: Short Interfering Mucleic Acid (sINA)
FILE REFERENCE: 400/137 (MENBO)3-198-A)
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrise, Bharat
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                                                         1479 ATCTATTTTGTCTGATATT 1497
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US-10-698-311-170/c

RIOR FILING DATE: 2002-03-11

APPLICATION NUMBER: US 60/386,782

2002-06-06

FILING DATE:

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APPLICATI (GENETIA, BRAIN)
TITLE OF INVENTION: Bhart Interference Mediated Treatment of Past
TITLE OF INVENTION: Bhart Interference Mediated Acid (sixh)
TITLE OF INVENTION: Bhart Interference Mediate Acid (sixh)
TITLE OF INVENTION: Bhart Interference Mediate Acid (sixh)
TITLE OF INVENTION: Bhart Interference Mediate Acid (sixh)
THE MEDIATE FOLLOW (SIX 1998)
THE ME
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SEQ ID NO 170
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Publication No. US20040219671A1
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR PRILING DATE: 2002-9-09
PRIOR PRILING DATE: 2003-9-11.15
PRIOR PRILING DATE: 2003-91.15
NUMBER: OF SEQ ID NOS: 310
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Haeborli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2002-08-29
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Haeberli, Peter
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o. US20040219671A1
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US-10-698-311-172/c
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PRICE REPLICATION NOMBER: US 60/400,778
PRICE REPLICATION NOMBER: US 60/400,739
PRICE REPLICATION NOMBER: US 60/400,733
PRICE PLIJAG DATE: 2002-05-05
PRICE PLIJAG DATE: 2002-05-05
PRICE PLIJAG DATE: 2002-05-05
PRICE PLIJAG DATE: 2003-05-15
NOMBER: US 8003-10-15
NOMBER: OF 8003-10-15
NOMBER: OF 8003-10-15
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Publication No. US20040219671A1
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LENGTH: 19
                                          SOFTWARE: PatentIn version 3.2
SEQ ID NO 172
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ENA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Not. the referring Wholeic Acid (sINA) ETLE REFERENCE: 40/11/19(MEMBS)-198-3) CORRENT PARLICUTION NOMER: US/10/883.311 CORRENT TILLED ONE: 2003-12-31.
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                  NUMBER OF SEQ ID NOS: 310
                                                                                                                                     PRIOR FILING DATE: 2003-01-15
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ORGANISM: Artificial Sequence
                       TYPE: RNA
                                                                                                                                                                  RAPPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                     FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/408,378
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FILING DATE: 2002-07-03
                                                                                                                                                                                                             APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
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                                                                                                    RESULT 203
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OTHER INFORMATION: Description of Artificial Sequence:

siNA antisense region

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US-10-861-060-2
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                      GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc
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Best Local Similarity
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SEQ ID NO 1
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                                                             Sequence 2, Application US/10861060 Publication No. US20050137155Al
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
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NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/720,448
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APPLICANT: Chowrira, Bharat
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APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
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1 AGUGGCCAUUCGACGACAG 19
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100.0%; Pred. No.
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US-10-861-060-2
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Publication No. US20050137155A1
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                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 (MBHB04-372-A)
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR RPILATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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CURRENT MERICATION MORBER (US/0/841.06)
CURRENT MERICATION MORBER (US/0/841.06)
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PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2004-01-14
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                                                   R FILING DATE: 2004-01-14
R APPLICATION NUMBER: US 10/720,448
R FILING DATE: 2003-11-24
R APPLICATION NUMBER: US 10/693,059
APPLICATION NUMBER: US 10/444,853
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                            FILING DATE:
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Pred. No. 2e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
US-10-861-060-4
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                                                                                                                                                                                        PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: Short Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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PRIOR FILING DATE: 2004-04-30
Remaining prior Application data removed
NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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                                           FEATURE:
                                                                   ORGANISM: Artificial Sequence
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les 12; Conserv
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FILING DATE: 2003-05-23
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Pred. No. 2e+
7; Mismatches
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US-10-861-060-5
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Publication No. US20050137155Al
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Best Local Similarity
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Best Local S
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Publication No. US20050137155A1
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NUMBER OF SEQ ID NOS: 374
SOPTMAKE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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TITLE OF INVENTION: Short Interfecing Nucleic Acid (siNA)
TITLE ASSESSANCE: 1001.65, [MBHB90:-1727-A].
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APPLICANT: Chowrira, Bharat
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                                      APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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                                                                                                                                                  APPLICANT: Sirna Therapeutics,
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:
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FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/720,448
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Pred. No. 2e+02;
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Publication No. US20050137155Al
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PRICOS PILLYO DETE: 2004-0416
PRICOS PAPLICATION NUMBER: US 10/757,803
PRICOS PILLYO DETE: 2004-01-14
PRICOS PILLYO DETE: 2004-01-14
PRICOS PILLYO DETE: 2004-01-14
PRICOS PILLYO NUMBER: US 10/720,448
PRICOS PILLYON NUMBER: US 10/720,448
PRICOS PILLYON NUMBER: US 10/693,059
PRICOS MPPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2003-10-31
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APPLICANT: Habbell, Peter
TITLE OF INVENTION: RAW Interference Mediated Treatment
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93 TGGCTGCTGCTGAGAAAAC 111

Similarity Conservative

78.9%;

Pred. No. Score 19; Mismatches DB 1; 2e+02;

Length 19

0, Gaps

1 UGGCUGCUGAGAAAAC 19

Parkinson Disease Using

FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
FILING DATE: 2003-02-20 APPLICATION NUMBER:

PCT/US03/0502

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/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/#iNA sense
US-10-861-960-8
                                                                                                                                                      SEQ ID NO 6
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                          SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                              Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US03/05346
                                                                           ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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162 (MBHB04-372-A)
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US-10-861-060-8
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                                      Query Match 1.2%;
Best Local Similarity 100.0%;
Matches 19; Conservative
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NUMBER OF SEQ ID NOS: 374
SOPTWARE: PatentIn version 3.3
SEQ ID NO 8
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PRIOR APPLICATION NUMBER: FCT/US03/05028
PRIOR APPLICATION NUMBER: 02013-02-20
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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NUMBERS OF ESD ID NOS: 178
SOFTMARE: Patentin version 3.3
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR APPLICATION DATE: 2004-04-30
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                                                   APPLICANT: Hasberll, Peter
APPLICANT: Chaster and Area an
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                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McSwiggen, James
CURRENT APPLICATION NUMBER: US/10/861,060
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conservative

63.2%; 1.2%; Score 19; DB 1; 63.2%; Pred. No. 2e+02; Mismatches

Length 19

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Target Sequence/siNA sense

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(siNA)

Parkinson Disease Using

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PRIOM APPLICATION NUMBER: POT/MEGGJ/05028
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REGIOR PELLAND DERE: 2003-14.8
REGIOR APPLICATION NUMBER: US 10/693,059
REGIOR APPLICATION NUMBER: US 10/444,853
REJOR APPLICATION NUMBER: US 10/444,853
REJOR APPLICATION NUMBER: DET/INS03/05346
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CURRENT FILHE DATE: 2006-06-03
REICO REPLICATION NUMBER: US 10/698,311
REICO REPLICATION NUMBER: US 10/826,966
REICO REPLICATION NUMBER: US 10/826,966
REICO REPLICATION NUMBER: US 10/757,803
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APPICONT: Chorter, Bhara
ITILE OF INVENTION: ERA Interference Mediated Treatment of
ITILE OF INVENTION: Short Interfering Nucleic Acid (siNs)
FILE REFERENCE: 400/182 (MSH804.372.4)
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FRICES FILTRE DAYS 2003-05-2/1/0803/03-34
FRICES APPLICATION SAMES CAT/1/0803/03-34
FRICES APPLICATION MARKET CAT/1/0803/03-34
FRICES FILTRE DAYS APPLICATION MARKET CAT/1/0803/03-34
FRICES FILTRE DAYS 2003-03-2/1/08031
FRICES FILTRE DAYS 2003-03-2/1/08031
FRICES APPLICATION MARKET CAT/1/0804/13-66
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PRIOR PILING DAYS: 2003-10-23

PRIOR PELICATION NUMBERS: US 10/444, 853

PRIOR PILING DAYS: 2003-05-23

PRIOR PILING DAYS: 2003-05-23

PRIOR PILING DAYS: 2003-03-20

PRIOR PILING DAYS: 2003-03-20
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SEQ ID NO 10
LENGTH: 19
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Publication No. US20050137155AI
GENERAL INFORMATION:
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Best Local Similarity
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RNA INTERFERENCE Mediated Treatment of TITLE OF INVENTION: Short Interfering Notatio Acid (situ) FILE REFERENCE: ACU/AC2 (MBRING-172-A) CURBERT APPLICATION MUNBER: US/10/861,060 CURBERT FILLED MIRE: 2004-06-03
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PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-11-24

PRIOR PRILING DATE: 2003-10-23

PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                      PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/720,448
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LENGTH: 19
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                                                             Query Match 1.2%;
Best Local Similarity 84.2%;
Matches 16; Conservative 3
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-11
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Publication No. US20050137155Al
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PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITIE OF INVENTION: RNA Interference Mediated Treatment of TITIE OF INVENTION: Short Interference Mucleic Acid (siRA) FILE REPERENCE: 400/162 (MSHB04.372-A).
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATS: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/898,311
PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                    Remaining Prior Application data
NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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                                         ORGANISM: Artificial Sequence
                                                            TYPE: RNA
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US-10-861-060-14
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Publication No. US20050137155A1
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GENERAL INFORMATION:
      PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
                                                                  ITITE DO PHYSTICOS: RNA Insertetence Mediated Treatment of Parkinson Disease Using TITLE OF NYSTRIAN : Nort Inserteting Nucleic Acid (SIM) FILE REFERENCE: 400/52 (MERSOr-172-A) FILE REFERENCE: 400/52 (MERSOr-172-A) FILECTION MONRE: US/10/681,050 CURRENT FILING DAYE: 2040-6-09 CURRENT FILING DAYERS
                                                                                                                                                                                                                  APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US:
PRIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR PILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
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ORGANISM: Artificial Sequence
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US-10-861-060-15
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FILE REFERENCE: 400/142 (MEMBA-722-M) Nocisic Acid (SIM)
CIREBEN FAPILCATION NUMBER: 108/10/861, 060
CIREBEN FILING INTE: 2004-06-07
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                          PRIOR APLICATION NUMBER: PCT/U803/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-02-20
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PRICON FILING DATE: 2004-01-14
PRICON FILING DATE: 2003-11-24
PRICON FILING DATE: 2003-11-24
PRICON FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/826,966
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                                                  PRIOR FILING DATE: 2003-10-31
                                                                      PRIOR APPLICATION NUMBER: US 10/698311
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APPLICANT: Chowring, Bharat
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PRIOR FILING DREE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEC ID 10Gs 174
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PRIOR FILING DATE: 2003-11-24
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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FILING DATE: 2004-04-16
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Application data removed - See File Wrapper or PALM

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US-10-861-060-15
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 15
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-10-31 10/826,966
PRIOR FILING DATE: 2004-04-6
PRIOR FILING DATE: 2004-04-6
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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ORGANISM: Artificial Sequence
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Local Similarity 78.9%;
                                                                                                                                                                                                                            Local Similarity
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ARPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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FILING DATE: 2003-10-23
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APPLICATION NUMBER: PCT/US04/13456
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                                                                                                                               273 CAGTAGCCCAGAAGACAGT 291
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                                                                                                                                                                                           Score 19; DB 1; Length 19;
pred. No. 2e+02;
2; Mismatches 0; Indels
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Pred. No. 2e+02;
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APPLICATION CHORETS, BRANCE ACCOUNT HEALERS OF BALL
TITLE OF EXPENSIONS BALL THE ACCOUNT HEALERS ACCOUNT HEALTH HE
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; OTHER INFORMATION: Description of Artificial Sequence:
US-10-861-060-17
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LENGTH: 19
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Publication No. US20050137155A1
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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Publication No. US20050137155Al
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PRIOR APPLICATION INMERS: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION INMERS: US 10/444,853
PRIOR PILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
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APPLICANT: MCSW:
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APPLICANT: McSwiggen, James
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-02-20
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US-10-861-060-19
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                     SOPTWARE: PatentIn version 3.3
SEQ ID NO 19
                                                                                      PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR PILING DATE: 2004-04-30
Remaining prior Application data removed
NUMBER OF SEQ ID NOS: 374
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Publication No. US20050137155A1
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Best Local Similarity
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/U803/0534
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-02-20
PRIOR PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
PRIOR PELICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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Haeberli, Peter
Chowrira, Bharat
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                                                                                                                   See File Wrapper or PALM
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US-10-861-060-21 ; Sequence 21, Application US/10861060
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US-10-861-060-20
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LENGTH: 19
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR PILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PC7/U803/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
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Chowrira, Bharat
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US 10/698,311

Parkinson Disease Using

1.2%; Score 19; DB 89.5%; Pred. No. 2e+ tive 2; Mismatches

20+02;

0 Length 19

Gape

0,

sense Ħ removed

See File Wrapper or PALM

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense roUS-10-861-060-19
                                                                                                                                                          ORGANISM: Artificial Sequence
                             327 TTGTCAAAAAGGACCAGTT 345
UUGUCAAAAAGGACCAGUU 19
                                                          Conservative
                                                                     73.7%;
                                                          5; Mismatches
                                                                        Score 19;
Pred. No.
                                                                        26+02;
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                                                          Indels
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US-10-861-060-21
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                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                NEPLICANT, Wood-uppm, James

APPLICANT, Mandrati, Peter

APPLICANT, Mandrati, Peter

TITLE OF INVESTORS: NAN Interference Mediated Treatment of

TITLE OF INVESTORS: NAN Interfering Muddad Acid (sian)

FILE REFERENCE: 100/142 /MEMOS-172-3/

FILE REFERENCE: 100/142 /MEMOS-172-3/
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    DESCOR APPLICATION NUMBER: US 10/698,311
PRIOR EPILING LAWE: 2003-10-31
REIGH REPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/720,448
                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 10/826,966
RILING DATE: 2004-04-16
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APPLICATION NUMBER: US 10/720,448
FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
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FILING DATE: 2003-02-20
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Haeberli, Peter
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Pred. No. 2e+02;
L; Mismatches 0; Indels
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LENGTH: 19
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SEQ ID NO 23
LENGTH: 19
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GENERAL INFORMATION
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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ORGANISM: Artificial Sequence
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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OTHER INFORMATION: Description of Artificial Sequence:
                                                         ORGANISM: Artificial Sequence
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           Target Sequence/siNA sense
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Best Local Similarity 63.2%; Matches 12; Conservative 7; Mismatches Pred. No. Score 19; 2e+02; DB 1; 0 Length 19 Indels 0 Gaps

APPLICANT: Chowrire, Bharat APPLICANT: Sirna Therapeutics, McSwiggen, James Haeberli, Peter Application US/10861060 No. US20050137155A1 Inc

TYTIE DE INVENTION: Short Interfering Nucleic FILE REFERENCE: 400/152 (NHHB04-372-A) CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE 2004-06-03 PRIOR APPLICATION NUMBER: US.10/698,311 TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR FILING DATE: 2004-04-16 APPLICATION NUMBER: US 10/757,803 FILING DATE: 2004-01-14 APPLICATION NUMBER: US 10/720,448

PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 10/698311 APPLICATION NUMBER: US 10/693,059 FILING DATE: 2003-10-23 APPLICATION NUMBER: US 10/444,853 APPLICATION NUMBER: PCT/US03/0534 FILING DATE: 2003-05-23 APPLICATION NUMBER: PCT/US03/05028

Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374 PatentIn version 3.3 See File Wrapper or PALM

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense US-10-861-060-23

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US-10-861-060-25
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Best Local Similarity
Best Local Similarity
Conserve
Sequence 25, Application US/10861060
Publication No. US/20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
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SEQ ID NO 24
LENGTH: 19
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Matches 12; Conserv
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NOMBER: US/10/861,060
CURRENT PILING DATE: 2004-06-03
PRIOR ADDITORMENT
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Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-01-14
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APPLICANT: Chowring, Bharat
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APPLICANT: McSwiggen, James
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FILING DATE: 2003-10-31
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78.9%; Pred. No. 2e+02;
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RESULT 227
US-10-861-060-26
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US-10-861-060-25
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Best Local
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LENGTH: 19
                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/122 (NSHB04-372-A)
              PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
                                                                                                               PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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APPLICANT: McSwiggen, James
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TYPE: RNA
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-23
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hes 16; Conservation
FILING DATE: 2003-10-
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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Chowrira, Bharat
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Pred. No.
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APPLICATION

US 10/444, 853

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, OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense US-10-861-060-26
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PRIOR FILING DATE: 2003-02-20
PRIOR RELICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
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                                                                                                                                     SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                          PRIOR
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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OTHER INFORMATION: Description of Artificial Sequence: 10-861-060-27
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ORGANISM: Artificial Sequence
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R APPLICATION NUMBER: US 10/698311
R FILING DATE: 2003-10-31
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FILING DATE: 2004-01-14
APPLICATION NUMBER: US 10/720,448
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FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/693,059
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; Pred. No. 2e+C
2; Mismatches
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                                                                                                    Sequence 29, Application US/100
Publication No. US20050137155A1
GENERAL INFORMATION:
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Best Local Similarity
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             APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Hacherli, Peter
APPLICANT: Chowrira, Bharat
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Target Sequence/siNA

Application US/10861060

Inc

Conservative

Mismatches 26+02;

DB 1;

Length 19 Indels

0

Gapt 0

57.9% 8, Score 19; Pred. No.

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US-10-861-060-28
, OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense US-10-861-060-28
                                                                                                                                                                                                                                                                                                                                                                                                                                          MIGOR LAPAL/CATTON WINDERS, PGT/MEDJ/05346
FRICER PALECACTION WINDERS, PGT/MEDJ/0524
Remailing Pfc/medj/0524
Remailing Pfc/medj/0624
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Best Local Similarity
Matches 12; Conserv
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LENGTH: 19
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PRIOR FILING DATE: 2003-10-31
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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TITHE OF INVENTION: RAN Interference Mediated Treatment of
TITHE OF INVENTION: Short Interfering Nucleic Acid (siNA)
                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 10/693,059
                                                                                                                                                                                                           TYPE: RNA
                                                                                                     FEATURE:
                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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Chowrira, Bharat
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         - See File Wrapper or PALM
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APELOUVE: Choories, Bakani:
ITIE OF INNERSTORS RAM, Interference Mediated Treatment of Parkinson Dis
ITIE OF INNERSTORS RAM, Interference Modelo Acid (slabs)
ITIE REPRESENT 1001/2016 MEDIATES RAM (Science Acid (slabs))
CURRENT APELOCYCON MORBERS, SEL/O4851.60
CURRENT PILLED DATE, 2004-06-03
PROSE PILLED DATE, 2004-06-03
PROSE PILLED DATE, 2004-06-13
PROSE PILLED DATE, 2004-06-14, 10/95-301
PROSE PILLED 
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US-10-861-060-30
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PRIOR APPLICATION NUMBER: US 10/44, 853
PRIOR FILING DATE: 2003-05-23
PRIOR PILING DATE: 2003-05-23
PRIOR PILING DATE: 2003-05-26
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Matches 13; Conservative
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SEQ ID NO 29
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APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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FILE REFERENCE: 400/162 (MBH804-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                              APPLICATION NUMBER: US 10/444,853
                                          FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
                FILING DATE:
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Haeberli, Peter
                2003-02-20
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Pred. No. 2e+02;
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                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                         FEATURE:
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j OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense xt
US-10-861-060-31
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                                                                                                                                                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374 SOFFWARE: Patentin version 3.3 SEQ ID NO 31
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TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (mink)
FILE REFERENCE: 400/162 (MBHB04-372-A)
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Best Local Similarity
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UNMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE:
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2004-01-14
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NUMBER OF SEQ ID NOS: 374
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                                                                           ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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FILING DATE: 2003-10-23
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73.7%; Pred. No. 2e+02;
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Score 19; Pred. No.

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US-10-861-060-33
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                                                                                                                                                                  Sequence 33, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                 GENERAL INFORMATION:
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/162 [MBHB04-7]2-3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2004-0
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REPERENCE: 400/162 (MBHB04-372-A)
                                                                APPLICANT:
                                                                                     APPLICANT:
                                                                                                      APPLICANT: Sirna Therapeutics, Inc
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      R APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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                                                                                 McSwiggen, James
Haeberli, Peter
                                                                Chowrira, Bharat
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Pred. No. 2
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CURRENT FILING DATE: 2004-06-03
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                                                                    PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-10-23
PRIOR PLING DATE: 2003-05-23
PRIOR RELIANG DATE: 2003-05-23
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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        PILING DATE:
APPLICATION
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                                                   APPLICATION NUMBER: PCT/US03/05028
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ilarity 63.2%;
Conservative
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Pred. No. Mismatches DB 1; 2e+02;

Length 19 Indels

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Target Sequence/sinA sense

NUMBER: US 10/698311 2003-02-20

Bharat

Parkinson Disease

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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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SOFTWARE: PatentIn version 3.3
                       Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
                                                                                PRIOR FILING DATE: 2004-04-30
                                                                                                             PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
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US-10-861-060-35
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                                Matches
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION WIMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION UNMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-11-24
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APPLICANT: (Martia, Bhare)
TITLE OF INVENTION: RNA Interfering Mediated Treatment of Parkinson Disease Using
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                                                                         FEATURE:
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Pred. No. 2e+0
5; Mismatches
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                                                                                                                                                                                                                                 Sequence 37, Ap
Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
TITLE OF INVESTICES: NAN Interference Mediated Treatment of Parkinson Disease Using TITLE CONSUMERATION, SOOT INTERFERENCE MEDICAL CALL (SIN).

CHESTER PARLICULOUS MERSEN, US/A/641,060
CHRESTY PARLICULTON MERSEN, US/A/641,060
CHRESTY PARLICULTON MERSEN, US/A/641,060
CHRESTY PARLICULTON MERSEN, US/A/641,060
CHRESTY PARLICULTON MERSEN, US/A/641,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrize, Bharat
                                                                                                                                                                                  APPLICANT: Sirna Therapeutics, Inc
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615 TCTGTACCTGCCCCACTC 633

PRIOR APPLICATION NUMBER: US

10/698,31

Conservative

6; Mismatches Score 19; DB 1; Pred. No. 2e+02;

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Application US/10861060

US20050137155A1

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US-10-861-060-36
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                                                                                                                             SOFTWARE: PatentIn version 3.3
SEQ ID NO 36
LENGTH: 19
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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TITLE DE INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/162 (MBHB04-972-A)
                                                                                                                                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                OTHER INFORMATION: Description of Artificial Sequence:
                                                                       ORGANISM: Artificial Sequence
                                                                                                        TYPE: RNA
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FILING DATE: 2004-04-30
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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Chowrira, Bharat
                Target Sequence/siNA sense
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Best Local Similarity
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LENGTH: 19
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Publication No. US20050137155A1
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/658,311
PRIOR FILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RMA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 [MBHB94.372-A]
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Remaining Prior Application data removed -
NUMBER OF ESO ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
                                                                                  PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/0534
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FILING DATE: 2003-10-23
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APPLICATION NUMBER: US 10/720,448
FILING DATE: 2003-11-24
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                                                                                                                               FILING DATE: 2003-02-20
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                                         FILING DATE:
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Haeberli, Peter
Chowrira, Bharat
DATE
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                      NUMBER: PCT/US04/13456
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Pred. No.
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Best Local Similarity
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Matches 10; Conserv
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SEQ ID NO 39
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APPLICANT: Hoberia, Peter
APPLICANT: Chowriza, Bharat
TITLE OF INVENTION: BAN Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sINA)
                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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                                                                                                                                                                                                                                                 FEATURE:
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                                                                                                                                                                                                                                                                                               TYPE: RNA
                                                                                                                                                                                                                                                                                                                 ENGTH: 19
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Conservative

52.6%;

Score 19; DB pred. No. 2e+ 9; Mismatches

2e+02 DB 1;

Length 19

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Gaps

Description of Artificial Sequence:

Target

Sequence/siNA sense

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removed -

See File Wrapper or

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-38
                                                                                                                                              SEQ ID NO 38
LENGTH: 19
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SOFTWARE: Patentin version 3.3
                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                           TYPE: RNA
                                                                                       FEATURE:
1.2%;
   Score 19;
Pred. No.
                     DB
                     Length 19;
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19

Parkinson

Disease Using

Conservative

Mismatches 26+02

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RESULT 241 US-10-861-060-40

Publication No

Application US/10861060 US20050137155A

APPLICANT: APPLICANT: McSwiggen, APPLICANT: Sirna Therapeutics,

Haeberli, Peter Chowrira, Bharat

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ITTLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION; short Interfering Worleic Acid (sINA) TITLE REFERENCE: 400/162 (MemBed-172-A) COMBENT RPLICATION NUMBER: MS/10/61.060 COMBENT RILING UNITE: 2004-06-03, 000
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 400/162 (MBHB04-372-A)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 19;
Pred. No.
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Publication No. US20050137155A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MEHE04-372-A)
CURRENT APPLICATION HOMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                    PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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                          Remaining Prior Application data removed - See File Wrapper or PALM
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ORGANISM: Artificial
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                                                                                                    APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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                                                                                                                                                                                   APPLICATION NUMBER: PCT/US03/05028
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    Mismatches

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US-10-861-060-41

Sequence 41, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc. APPLICANT: McSwiggen, James APPLICANT: Habberli Peter APPLICANT: Chowrita, Bharat

2004-04-16

US-10-861-060-40

FEATURE:

TYPE: RNA ORGANISM: Artificial Sequence

SEQ ID NO 40 LENGTH: 19

Query Match 1.2%; Best Local Similarity 63.2%; Matches 12; Conservative

SEQ ID NO 42

McSwiggen, James Haeberli, Peter

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US-10-861-060-43
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RESULT 245
US-10-861-060-44
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Publication No. US20050137155A1
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Best Local Similarity
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APPLICANT: Macheril, Reter
APPLICANT: Chortira, Bharut
17THE OF INVENTION: RBM. Interference Mediated Treatment of Parkinson
17THE OF INVENTION: SBM. Interfering Nucleic Acid (siNA)
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: McSwiggen, James
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ORGANISM: Artificial Sequence
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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Pred. No. 2e+02;
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pred. No. 2e+02;
B; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NEPLICANT, Hacharil, Pater
APPLICANT; Hacharil, Pater
APPLICANT; COpering Municipates Addinged Treatment of Parkinson Disease Using
APPLICANT; COpering Municipates Adding Acid (siAN)
FILE REPERENCE; 0.0124 (Number 2012)
FILE REPERENCE; 0.0124 (Number 2012)
FILE APPLICANT; 0.000-00-00
FILE APPLICANT; 0.000-00-
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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Sequence 45, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
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SEQ ID NO 44
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Best Local Similarity
TITLE OF INVENTION; Now Intersteenes Mediated Treatment of Parkinson TITLE REFERENCE: 400/A2 Nobet Interesting Nucleic Acid (sNA)
FILE REFERENCE: 400/A2 Nobethal-172-A)
GURBERT FILMO (MARE). 2004-60-40.
GURBERT FILMO (MARE). 2004-60-40.
FRICE APPLICATION MEDIBER: US 10/696, 3011
FRICE FILMO (MARE). 2004-10-41.
FRICE APPLICATION MEDIBER: US 10/696, 365
FRICE APPLICATION MEDIBER: US 10/696, 366
FRICE APPLICATION MEDIBER: US 10/740, 449
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PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATS: 2003-05-23
PRIOR APPLICATION NUMBER: PC/US03/05346
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Haeberli, Peter
APPLICANT: Chowrize, Bharat
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APPLICANT: McSwiggen, James
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PRIOR FILING DATE: 2003-02-20
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2e+02;
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PRIOR PILLING DATE: 2004-04-15

PRIOR PILLING DATE: 2004-01-14

PRIOR PILLING DATE: 2004-01-14

PRIOR PILLING DATE: 2004-01-14

PRIOR PILLING DATE: 2001-11-24

PRIOR PILLING DATE: 2001-11-24

PRIOR PILLING DATE: 2001-11-25

PRIOR PILLING DATE: 2001-10-21

PRIOR PILLING DATE: 2001-10-21
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Best Local Similarity
Matches 11; Conserv
                                                 SEQ ID NO 46
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Publication No. US20050137155A1
                                                                                                   Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                REIGR FILING DATE: 2003-07-20
REIGR APPLICATION NUMBER: PET/US03/05028
REIGR FILING DATE: 2003-02-20
REIGR APPLICATION NUMBER: US 10/698311
REIGR APPLICATION NUMBER: PCT/US04/13456
REIGR FILING DATE: 2004-04-30
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                                                                               SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT
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PRIOR APPLICATION NUMBER: US 10/698,311
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PILE REFERENCE: 400/162 (MH804-372-A)
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RAJOR FILMG DATE: 2003-02-20
RAJOR APPLICATION NUMBER: PCT/USG9311
RAJOR APPLICATION NUMBER: US 10/698311
RAJOR APPLICATION NUMBER: US 10/698311
RAJOR APPLICATION NUMBER: PCT/USG4/13456
RAJOR FILMG DATE: 2004-04-30
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APPLICANT: McSwiggen, James
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                                  LENGTH:
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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Pred. No.
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                                                                     RESULT 249
US-10-861-060-48
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                        ; Sequence 48, Application US/10861060
; Publication No. US20050137155A1
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GENERAL INFORMATION
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Macches Query Match

831 AGATTTTTAGGTGTCTTTT 849

AGAUUUUUAGGUGUCUUUU 19

POCST

Similarity

1.2%; Score 19; 42.1%; Pred. No. 11; Mismatches

2e+02;

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DB 1; Length 19

Conservative

SEQ ID NO 47 LENGTH: 19

TYPE: RNA

FEATURE:

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence:

Target 0

Sequence/sina Gaps

sense ij SOFTWARE: PatentIn version 3.3

Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31 PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346

FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/US04/13456 PRIOR FILING DATE: 2004-04-30

PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059

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US-10-861-060-47
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                                                                                                                                                                                                                   Sequence 47, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 10;
                                    FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                    CURRENT FILING DATE: 2004-06-03
                                                                         TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                     APPLICANT:
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PRIOR APPLICATION NUMBER: US 10/698,311
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Haeberli, Peter
Chowrira, Bharat
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Pred. No.
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PPLICANT: Sirna Therapeutics,

Inc

PRIOR APPLICATION NUMBER: US 10/444,853

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US-10-861-060-49
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Publication No. US20050137155A1
GENERAL INFORMATION:
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SEQ ID NO 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
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PRIOR APPLICATION NUMBER: PCI/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 PRIOR APPLICATION NUMBER: US 10/698,311 PRIOR FILING DATE: 2003-10-31
                                                                 PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR TILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                    TITE OF INVENTION: RNN. Interference Mediated Treatment of Parkinson Disease Using
TITHE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REPERENCE: 400/162 (MBHB94-372-A)
                                                                                                                                                                                                                                                                                                                      APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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APPLICANT: McSwiggen, James
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ORGANISM: Artificial Sequence
FEATURE:
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
                                               PRIOR APPLICATION NUMBER: US 10/720,448
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APPLICATION NUMBER: PCT/US03/05028
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APPLICATION NUMBER: US 10/444,853
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Pred. No. 2e+02;
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Best Local Similarity
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LENGTH: 19
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                                                                                SEQ ID NO 50
LENGTH: 19
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                                                             TYPE: RNA
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-49
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PRIOR FILING DATE: 2004-04-30
Remaining Petor Application data removed - See File Wrapper or PALM
KINGER OF SEO ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2003-10-3
                                                                                                                                      ORGANISM: Artificial Sequence
     DB 1,
Length 19;
                                                                                       Target Sequence/siNA sense
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867 ATAATGACGTATTGTGAAA 885
1 AUAAUGACGUAUUGUGAAA 19
                                      Conservative
                                                1.2%;
                                      6; Mismatches
                                                Score 19;
Pred. No.
                                                  26+02;
                                          Indels
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GENERAL INFORMATION: APPLICANT: Sirna Therapeutics, TITLE OF INVENTION: BUA Interference Mediated Treatment of Parkinson Disease TITLE OF INVENTION: Short Interfering Mucleic Acid (sink) FILE REPREMENT: 400/12; MBH894-372-A CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311 Chowrira, Bharat McSwiggen, James Haeberli, Peter Application US/10861060 US20050137155A1 Inc

PRIOR APPLICATION KNMEER US 10/826,966
PRIOR FLIAW DATE: 2004-04-16
PRIOR PLIAW DATE: 2004-04-16
PRIOR PLIAW DATE: 2004-01-14
PRIOR PLIAW DATE: 2004-01-14
PRIOR PLIAW DATE: 2003-11-24 peico FILING INTE: 2003-02-20
peico APPLICATION NUMBER: US 10/598311
peico FILING INTE: 2003-10-11
peico APPLICATION NUMBER: PET/USG/11456
PRIOR PEICK POTO: 2004-04-30
Remaining Frick Application data removed
ARMBERS OF SSQ 10. NOS: 374
NUMBERS OF SSQ 10. NOS: 374 SOFTWARE: PatentIn version 3.3 PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-10-23 PRIOR FILING DATE: 2003-10-31 APPLICATION NUMBER: PCT/US03/05028 APPLICATION NUMBER: US 10/444,853 FILING DATE: 2003-05-23 APPLICATION NUMBER: PCT/US03/05346 APPLICATION NUMBER: US 10/693,059 See File Wrapper or PALM

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense ORGANISM: Artificial Sequence

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US-10-861-060-52
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                                                                 GENERAL INFORMATION:
                                                                                  Sequence 52, Application US/10861060
Publication No. US20050137155A1
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Publication No. US20050137155A1
APPLICANT: Sirna Therapeutics, Inc
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2003-10-23
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PRIOR PILING DATE: 2004-01-14
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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47.4%; Pred. No.
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TITLE OF INVESTION: NOW, Interference Mediated Treatment of But ITTLE OF INVESTION: Short Interference Mediated Treatment of Extending Tr

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853

2003-05-23

PCT/US03/05346

APPLICATION FILING DATE: US-10-861-060-53 RESULT 254

Application US/10861060

US20050137155AJ

Matches Query Match

14,

921 CATGAAACTATGCACCTAT 939

1 CAUGAAACUAUGCACCUAU 19 Similarity 73.7 14; Conservative

Best Local

1.21;

ů Score 19; Pred. No. Mismatches 26+02; DB 1; ó Length 19 Indels

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GENERAL INFORMATION Sequence 53, Ap Publication No.

APPLICANT: Haeberli, Peter APPLICANT: Chowrira, Bhara APPLICANT: McSwiggen, James APPLICANT: Sirna Therapeutics,

Bharat

Parkinson Disease Using

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US-10-861-060-52
                                                                                                                                                                    SEQ ID NO 52
                                                                                                                                                                                            Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF EG 1D NOS; 374
SOFTWARE: Patentin version 3.3
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/757,803
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           OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense re
                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/698311
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US-10-861-060-53
US-10-861-060-54
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION (MYMBER: US/10/861,060
CURRENT FILING DATE: 2204-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APDIACANT: Kheberii, Peter
APDIACANT: Khortin, Bhart
TITIB OF IMPERTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITIB OF IMPERTION: Short: Interfering Nucleic Acid (61Na)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
                                                                                                                                                                                                                            PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 10/757,803
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Artificial Sequence
                  OTHER INFORMATION: Description of Artificial Sequence:
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                                              PEATURE:
                                                                 ORGANISM: Artificial Sequence
                                                                                         TYPE: RNA
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APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                    PILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
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                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 10/444,853
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                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US03/05028
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 10/693,059
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Pred. No. 2e+02;
6; Mismatches
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Query Match

1.2%; Score 19; DB 1; Length 19.

Parkinson Disease Using

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US-10-861-060-55
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APPLICANT:
TITLE OF IN
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                                                                                                                                                                                                                                                                                     Sequence 56, Application US/10861060
Publication No. US20050137155A1
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PC7/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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ORGANISM: Artificial Sequence
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T: Haeberli, Peter
T: Chowrita, Bharat
INVENTION: RAA Interference Mediated Treatment of
INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 UGUUUUAUUCACUUGUGUU 19
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Haeberli, Peter
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36.8%; Pred. No.
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, OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-56
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Publication No. US20050137155A1
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LENGTH: 19
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                                                                                        PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-44
PRIOR FILING DATE: 2003-10-43
PRIOR RETLING DATE: 2003-00-30
PRIOR PILING DATE: 2003-00-30
PRIOR PILING DATE: 2003-05-33
PRIOR FILING DATE: 2003-05-33
                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/898,311
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Chowries, Bhret
TITLE OF INVENTION: BAN Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: A00/165 (Memback-172-A)
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2004-01-14
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 2003-02-20
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                                              PRIOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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                                                                     APPLICATION NUMBER: PCT/US03/05346
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
                                              FILING DATE: 2003-02-20
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Haeberli, Peter
Chowrira, Bharat
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2e+02;
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US-10-861-060-58
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                                                                                                                                                 Matches
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NUMBER OF SEQ ID NOS: 370
SOFTMARE: Patentin version 3.3
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PRIOR APPLICATION NUMBER: PCT/
PRIOR FILING DATE: 2004-04-30
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                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: PCT/US04/13456
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Pred. No. 2e+02;
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GENERAL INFORMATION Sequence 58, Application OS/10 Publication No. US20050137155A: TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA) FILE REFERENCE: 400/162 (MBHB04-372-A) Chowrira, Bharat McSwiggen, Therapeutics, James Disease Using

Application US/10861060

PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR APPLICATION NUMBER: US 10/698,311 PRIOR FILING DATE: 2003-10-31 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2004-01-14 APPLICATION NUMBER: US 10/444,853 APPLICATION NUMBER: US 10/720,448 FILING DATE: 2003-02-20 APPLICATION NUMBER: PCT/US03/05346 FILING DATE: 2003-11-24 APPLICATION NUMBER: US 10/693,059 FILING DATE: 2003-05-23

SEQ ID NO 58 LENGTH: 19 SOFTWARE: PatentIn version 3.3 Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2004-04-30 PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: PCT/US04/13456 See File Wrapper or PALM

PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 10/698311

US-10-861-060-58 OTHER INFORMATION: Description of Artificial Sequence: FEATURE: DB 1, Target Sequence/siNA sense re

ORGANISM: Artificial Sequence

Matches Query Match 1.2%; Best Local Similarity 57.9%; Conservative Score 19; DB 1; Pred. No. 2e+02; B; Mismatches Length 19 Indels 0; Gaps

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US-10-861-060-59
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Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                                Sequence 60, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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LENGTH: 19
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File Reference: 400/152 (MSH804-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT APPLICATION NUMBER: US/10/861,060
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TITLE OF INVENTION: Roh Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sisk)
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICANT: Meskispin, James
APPLICANT: Meskispin, James
APPLICANT: Observat, Basta
TITLE OF IMPATION: RAW, Inserference Mediated Treatment of
TITLE OF IMPATION: Bott Interfering Nucleic Acid (size)
TITLE OF IMPATION: Bott
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PRIOR FILING DATE: 2004-04-30
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PRIOR PILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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Chowrira, Bharat
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Pred. No.
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                                                                                                     Parkinson Disease Using
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LENGTH: 19
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GENERAL INFORMATION:
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PRIOR REPLICATION INDEREN: PC7/US03/05346
PRIOR REPLICATION INDEREN: PC7/US03/05346
PRIOR REPLICATION WINDERS: PC7/US03/05028
PRIOR REPLICATION WINDERS: US 10/E90311
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: US 10/757,803
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         FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
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Chowrira, Bharat
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Pred. Score 19; Mismatches No. 2e+02 DB 1;

0 Length 19; Indels

0 Gaps

Parkinson

Disease

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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                                                     SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2004-04-30
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OTHER INFORMATION: Description of Artificial Sequence:
                                                        ORGANISM: Artificial Sequence
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     Target Sequence/siNA sense
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104

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US-10-861-060-62
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PRIOR FILME ONTE: 2003-10-31
PRIOR PEPICONTION NUMBER: US 10/856,966
PRIOR PEPICONTION NUMBER: US 10/857,803
PRIOR PEPICONTION NUMBER: US 10/757,803
PRIOR PEPICONTION NUMBER: US 10/757,803
PRIOR PEPICONTION NUMBER: US 10/757,448
PRIOR PEPICONTION NUMBER: US 10/707,448
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                                                                                  Matches
                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                            SEQ ID NO 62
LENGTH: 19
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Publication No.
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.3
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.3
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NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:
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PRIOR FILING DATE: 2003-10-23
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                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                           TYPE: RNA
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hes 14; Conserv
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FILING DATE: 2004-04-30
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                                      1101 AATTAAGAACTGACACAAA 1119
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No. US20050137155A1
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73.7%; Pred. No.
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US-10-861-060-63
                                                                                                 Publication No. US20050137155AJ
                                                                                                                  Sequence 63, Application US/10861060
                                                                                INFORMATION
Haeberli, Peter
Chowrira, Bharat
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA) FILE REFERENCE: 400/162 [MBHB04.372-h]...

CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23 PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24

PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30 PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR FILING DATE: 2003-05-23

Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374 See File Wrapper or PALM

SEQ ID NO 63 PatentIn version 3.3

ORGANISM: Artificial Sequence TYPE: RNA LENGTH: 19

US-10-861-060-63 OTHER INFORMATION: Description of Artificial Sequence: FEATURE: Target Sequence/siNA sense

7

Query Match Best Local Similarity 1119 AGGACAMMATATAMGTT 1137 15, Conservative 78.9%; Score 19; DB 1; Pred. No. 2e+02; DB 1, Length 19 Indels

Gape

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AGGACAAAAAUAUAAAAGUU 19

US-10-861-060-64 GENERAL INFORMATION:

Sequence 64, Application US/108 Publication No. US20050137155A1 APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James Application US/10861060

APPLICANT, Macbetil, Peter
APPLICANT, Chockte, Shard
APPLICANT, Shard
APPLICANT, Shard
APPLICANT, Shard
APPLICANTON
AP

Parkinson Disease Using

PRIOR APPLICATION NUMBER: US 10/698,311 FILING DATE: 2003-10-31 APPLICATION NUMBER: US 10/826,966

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US-10-861-060-65
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US-10-861-060-64
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Best Local !
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR RPLICATION NUMBER: PCT/US03/05028
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR APPLICATION NUMBER: US. 10/698311
PRIOR APPLICATION NUMBER: US. 10/698311
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                                              PRIOR FILING DATE: 2004-04-30
                                                                        PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                             PRIOR FILING DATE: 2003-10-3
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Local Similarity 63.2%;
hes 12, Conservative
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
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FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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OF SEQ ID NOS: 374
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                    Prior Application data removed - See File Wrapper or PALM
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Pred. No. 2e+02;
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     RESULT 268
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nes 17; Conserv
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1173 GAGGTAGAGAAAATGGAAC 1191

Conservative

89.5%

Score 19, Pred. No.

DB 1;

Length 19, Indels

Mismatches 2e+02;

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Gaps

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US-10-861-060-66
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-66
                                                                                                    SEQ ID NO 66
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LENGTH: 19
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/U803/05346
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APPLICANT: McSwiggen, James
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                                                          ORGANISM: Artificial Sequence
                                                                                   TYPE: RNA
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nes 15; Conserv
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US-10-861-060-68
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                                                                                                                                                                                                                                                                                                                                                                                  Sequence 68, Application US/10861060 Publication No. US20050137155A1
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Publication No.
                                                                                            CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                    APPLICANT: Chowrize, bhazet
TITLE OF IMPERTION: RNA Interference Mediated Treatment of Farkinson Disease Using
TITLE OF IMPERTION: Short Interfering Nucleic Acid (SIAN)
FILE REFERENCE: ACOJAC (MEMBER): 372:A)
                                                                                                                                                                                                                                                                                APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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CURRENT FILING DATE: 2004-06-03
                                                                    PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/826,966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA)
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ORGANISM: Artificial Sequence
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FILING DATE: 2004-04-16
APPLICATION NUMBER: US 10/757,803
FILING DATE: 2004-01-14
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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Publication No
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US-10-861-060-68
                   Query Match
                                                                                                                                                                                                                  SEQ ID NO 68
                                                                                                                                                                                                                                      Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
SOFTMARE: Patentin version 3.3
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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                                                                    FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                      TYPE: RNA
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US04/1345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2003-11-24
78.9%;
Score 19;
Pred. No.
                   DB 1; Length 19
                                                                                        Target Sequence/siNA sense
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## US-10-861-060-69 1209 AATTCCCTGAAGCAACACT 1227 1 AAUUCCCUGAAGCAACACU 19 Application US/10861060 Conservative Mismatches 0

PEGG

26+02/

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US20050137155AJ

CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 PRIOR APPLICATION NUMBER: US 10/698,311 PRIOR FILING DATE: 2003-10-31 ITILE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITIE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/162 [MBHB04-372-A] APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter APPLICANT: Chowrire, Bharat

PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23 PRIOR FILING DATE: 2003-05-23 PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 10/826,966 APPLICATION NUMBER: US 10/720,448 APPLICATION NUMBER: US 10/757,803 FILING DATE: 2004-01-14 APPLICATION NUMBER: US 10/444,853

APPLICATION NUMBER: PCT/US03/05346 FILING DATE: 2003-02-20

Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UNDERS: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION UNDERS: PCT/US04/13456
PRIOR FILING DATE: 2004-04-10 APPLICATION NUMBER: PCT/US03/05028

SOFTWARE: PatentIn version 3.3 SEQ ID NO 69 LENGTH:

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OTHER IMPORANTION: Description of Artificial Sequence: Target Sequence/sinA US-10-661-060-69
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US-10-861-060-71
; Sequence 71, Application US/10861060
; Publication No. US20050137155A1
                                                                                                     RESULT 272
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Publication No. US20050137155A1
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SEQ ID NO 70
LENGTH: 19
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TITLE OF IMPRITION: Short Interfering Worldt Acid (milk)
TITLE OF IMPRITION: Short Interfering Worldt Acid (milk)
TITLE REFERENCE: 400/162 [MemBet-172:A]
COMPANY REPLICATION NUMBERS: USJON-651-05
COMPANY FILLING DATE: 2004-05-03
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APPLICANT: Chowrira, Bharat
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ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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Local Similarity 63.2%;
hes 12; Conservative
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FILING DATE: 2003-11-24
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FILING DATE: 2004-04-16
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FILING DATE: 2003-10-23
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Pred. No. 2e+02;
7; Mismatches 0; Indels
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Pred. No. 2e+02;
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APPLICANT: McSwi
APPLICANT: Haeb
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Publication No. US20050137155A1
                                                                                                                                              NEPLICANT, MSALIGNA, MAMMA MERILANDA, MSALIGNA, MSALIGNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sirna Therapeutics, inc
                    PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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8; Mismatches Score 19, Pred. No.

DB 1; Length 19; 2e+02;

Target Sequence/siNA sense

Indels

0

Gaps 0

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GENERAL INFORMATION:
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: NAW Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short interfering Nucleic Acid (SINA) FILE REFERENCE: 40()/AZ (MEDIA)-72-A) ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
SOFTWARE: PatentIn version 3.3
                              Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
                                                                                     PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR PILING DATE: 2004-04-30
                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/693,059
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Query Match
Best Local Similarity
Matches 13; Conserva
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                                                                                           SOFTWARE: PatentIn version 3.3
SEQ ID NO 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                      PRIOR FILIMO DATE: 2003-10-31
PRIOR APPLICATION WIMBER: PCT/US04/13456
PRIOR FILIMO DATE: 2004-04-30
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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CURRENT FILING DATE: 2004-06-03
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Publication No. US20050137155A1
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SEQ ID NO 72
LENGTH: 19
TYPE: RNA
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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APPLICANT: McSwiggen, James
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PRIOR RILING DATE: 2003-02-20
PRIOR APPLICATION NIMBER: US 10/698311
PRIOR PILING BATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR PILING DATE: 2003-02-20
                   ORGANISM: Artificial Sequence
FEATURE:
                                                                   LENGTH: 19
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Chowrira, Bharat
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Pred. No. 2e+02;
                                                                                                                                                         See File Wrapper or PALM
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    GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc
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US-10-861-060-75
, Sequence 75, App. , Publication No.
                                                                  RESULT 276
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PRICE FILMS DATE: 2003-10-23

PRICE FILMS DATE: 2003-10-23

PRICE FILMS DATE: 2003-10-23

PRICE FILMS DATE: 2003-05-23

PRICE FILMS DATE: 2003-05-23

PRICE FILMS DATE: 2003-05-23

PRICE FILMS DATE: 2003-05-20

PRICE FILMS DATE: 2003-05-20

PRICE FILMS DATE: 2003-05-20
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Publication No. US20050137155A1
GENERAL INFORMATION:
                                                                                                                                                                                                                      Matches
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LENGTH: 19
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Best Local Similarity
Matches 14; Conserv
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SOFTWARE: PatentIn version 3.3
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-66-03
PRIOR APPLICATION NUMBER: US 10/698,311
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICANT: McSwiggen, James
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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APPLICATION NUMBER: US 10/720,448
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                                                                                                                                 1 UNGAGUGGUCUAUUUCUCC 19
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                 Application US/10861060
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Chowrira, Bharat
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Pred. No. 2e+02;
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Pred. No.
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APPLICANT:

McSwiggen,

US20050137155AI

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Chowrira, Bharat Haeberli, Peter

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-75
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NUMBER OF SEQ ID NOS: 374
SOPTWARE: PatentIn version 3.3
SEQ ID NO 75
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PILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR PILING DATE: 2003-03-20
PRIOR PILING DATE: 2003-03-20
PRIOR PILING DATE: 2003-03-20
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2004-03-0
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REPERENCE: 400/165 | WHHID4-372-4)
                                                                                                                                 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
PRIOR PILING DATE: 2004-04-14
PRIOR PILING DATE: 2004-01-44
                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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                                                PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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hes 12; Conservative
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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APPLICATION NUMBER: US 10/444,853
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Chowrira, Bharat
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US-10-861-060-76
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                                             Matches
                                                             Query Match
Best Local Similarity
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PRIOR PILING DATE: 2003-02-20
PRIOR MPELICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
PRIOR MPELICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                   PRION FILING DATE: 2003-10-31
PRION APPLICATION INVESTE: PCT/US04/13456
PRION FILING DATE: 2004-04-30
Remaining Frior Application data removed
AUMBER OF SO ID NOS: 374
                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
                                                                                                                                                                                                         TYPE: KMA
                                                                                                                                                                FEATURE:
                                                                                                                                                                                    ORGANISM: Artificial Sequence
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1353 TITECTITATETATTITEG 1371
                                             7,
                                             Conservative
                                                                 1.2%;
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Pred. No. 2e+02;
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US-10-861-060-77
                                                                                 Publication No
         APPLICANT:
                     APPLICANT:
                                                     APPLICANT: Sirna Therapeutics,
                                                                 INFORMATION:
      Haeberli, Peter
Chowrira, Bharat
                                                                                    Application US/10861060
No. US20050137155A1
                                     McSwiggen, James
Parkinson Disease Using
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1 UUUGCUUUAUGUAUUUUGG 19

THILE OF INVENTION, BUN Interference Mediated Treatm TITLE OF INVENTION. Short Therefreing Nucleic Acid FILE REFERENCE: 400 (1620 MBHB04-372-A) CURRENT FILIAM DATE. 2007-06-03 CURRENT FILIAM DATE. 2007-06-03 PRIOR PILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 10/698,311

NEICE FILING INST: 2003-02-20
PRICE ANPHLENT INSTEED AND THE SECTION OF SECTI PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346 PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448

Remaining Prior Application data NUMBER OF SEQ ID NOS: 374 PatentIn version 3.3 removed -See File Wrapper or PALM

LENGTH: 19

; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-77 ORGANISM: Artificial Sequence TYPE: RNA FEATURE: Target Sequence/siNA sense

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US-10-861-060-79
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Best Local Similarity %...
Conservative
                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                Sequence 79, Application US/10861060
Publication No. US20050137155A1
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Best Local Similarity
                            APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrita, Bharat
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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Publication No. US20050137155A1
         TITLE OF INVENTION:
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PRIOR APPLICATION HUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION HUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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PRIOR FILING DATE: 2003-05-23
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57.9%; Pred. No. 2e+02;
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Pred. No. 2e+
11; Mismatches
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Parkinson Disease Using
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US-10-861-060-80
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2007-10-31
PRIOR APPLICATION NUMBER: US/10/826,966
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR FILING DATE: 2003-10-23
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CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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hes 9; Conserv
FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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FILING DATE: 2003-05-23
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47.4%; Pred. No. 2e+02;
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APPLICATION

NUMBER: PCT/US03/0502

FILING DATE: 2003-02-20

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US-10-861-060-80
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LENGTH: 19
Query Match
Best Local S
Matches
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Publication No. US20050137155A1
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PRIOR BRILLOW DAWISS, US 104589311
PRIOR BRILLOW DAWISS, US 104584111
PRIOR BRILLOW DAWIS, 2003-04-10
PRIOR BRILLOW DAWIS, 2003-04-10
Remaining Prior Aprillowlind data removed - See Film Wropper or DALM
REMAINING PRIOR DAWIS, 2004-04-10
Remaining Prior Aprillow DAWIS, 104581
SUPPLANE, PRIOR DAWIS, 10458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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FILE REFERENCE: 400/162 (MBHB04-372-A)
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APPLICANT: McSwigen, James
APPLICANT: Macherili, Peter
APPLICANT: Chowriza, Bhardt
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: RNA Interfering Naclaic Acid (sim)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
ORGANISM: Artificial
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-1
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                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2004-04-30
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                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                      FEATURE:
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y Match 1.2%; Score 19; DB 1;
Local Similarity 42.1%; Pred. No. 2e+02;
hes 8; Conservative 11; Mismatches
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FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-861-060-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 284
                                                                                                                                                                                                                      Sequence 83, Application US/10861060
Publication No. US2005037155A1
GENERAL INFORMATION
APPLICANT: Sirne Therapoutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
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LENGTH: 19
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Best Local Similarity
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              APPAICANT: Hosberil, Peter APPAICANT: Chortia, Bharta Tritta Or INVENTION: Bont Interfering Waciet Acid (SINA) TITLE OF INVENTION: Short Interfering Waciet Acid (SINA) TITLE REFERENCE: 400/62 (MEMBO4-72-A) CREATY APPLICATION MOMERS: US/10/65, 660
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-82
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Publication No. US20050137155A1
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FILE REFERENCE. ACOUNCE (NUMBERS. US/10/861.060
CURRENT FILMS ONTE: 2004-06-03
RECORD FILMS ONTE:
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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TITLE OF INVENTION: Short Interfering Nucleic Acid (size
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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APPLICANT: McSwiggen, James
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Chowrira, Bharat
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          52.6%;
Score 19;
Pred. No.
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US-10-861-060-83
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Publication No. US20050137155A1
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Best Local Similarity
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REIOR APPLICATION NUMBER: US 10/720,448

REIOR FILING DATE: 2003-11-24

REIOR APPLICATION NUMBER: US 10/693,059

REIOR FILING DATE: 2003-10-23

REIOR FILING DATE: 2003-10-23

REIOR FILING DATE: 2003-05-23

REIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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                     APPLICATION NUMBER: US
                                                            APPLICATION NUMBER: PCT
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APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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US-10-861-060-85

FEATURE:

TYPE: RNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence:

Target Sequence/siNA sense

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Matches Query Match Best Local Similarity

Conservative

63.2%;

Pred. No.

2e+02,

DB 1;

Length 19

Mismatches

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US-10-861-060-85
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Best Local Similarity
                                                                             Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION INVESTS: 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION UNMEER: PCT/US04/134:
PRIOR APPLICATION DATE: 2004-04-30
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REIOR FILME DATE: 2003-10-23
PRICOR APPLICATION NUMBER: UB 10/444,853
PRICOR APPLICATION NUMBER: PCT/US03/05346
PRICOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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APPLICANT: Chowrire, Bharat
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
LENGTH: 19
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Pred. No.
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Publication No. US20050137155A1
GENERAL INFORMATION:
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LENGTH: 19
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Publication No. US20050137155A1
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TITLE OF INVENTION: Sort Interfering Nucleic Acid (slNA)
FILE REPREMENT: 400/124 (MBHSU4-17-A) ...
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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                  CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
                                                                                   TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Mucleic Acid (siNA) FILE REFERENCE: 400/120 (MBHB1904-972-8)
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                                                                                                                                                        APPLICANT: Chowrira, Bharat
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APPLICATION NUMBER: PCT,
FILING DATE: 2003-02-20
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FILING DATE: 2003-10-23
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FILING DATE: 2003-11-24
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FILING DATE:
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Haeberli, Peter
Chowrira, Bharat
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Haeberli, Peter
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2003-10-33
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73.7%; Pred. No.
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PRIOR PILICATION NUMBER POT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR MPLICATION NUMBER POT/US03/05028
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PILING NUMBER US
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PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-11-24
OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
                                                          TYPE: RNA
ORGANISM: Artificial Sequence
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Local Similarity 3 AGTGGCCATTCGACGACAG 21 Conservative 1.2%; Score 19; 100.0%; Pred. No. 0 Mismatches DB 1; Length 19 2e+02; 0 Indels 0, Gaps

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Sequence 88, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION APPLICANT: McSwiggen, James APPLICANT: Sirna Therapeutics, Inc.

TITLE DE INVENTION: NAN INEXTEREMENC Médiated Transment of TITLE DE INVENTION: Short Interfering Nucleic Acid (SIA) FILE REFERENCE: 400/ASG (MEMBO4-372-A) FILE REFERENCE: 400/ASG (MEMBO4-107-A) CURRENT FILMAD DATE: 2004-06-03 CURRENT FILMAD DATE: 2004-06-03 CHREENT FILMAD DATE: 2004-06-03 Chowrira, Bharat Parkinson Disease

PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311 PRIOR FILING DATE: 2004-01-14 APPLICATION NUMBER: US 10/444,853 FILING DATE: 2003-05-23 APPLICATION NUMBER: PCT/US03/05346 APPLICATION NUMBER: US 10/720,448
FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059 FILING DATE: 2003-10-23

ETILING DATE: 2003-10-31
APPLICATION NUMBER: ECT/US04/13456
FILING DATE: 2004-04-30
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Application data removed - See File Wrapper or PALM

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US-10-861-060-89
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SOFTWARE: Patentin version 3.3
SEQ ID NO 88
LENGTH: 19
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/0502E
PRIOR FILING DATE: 2003-02-20
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PRIOR PILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
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PRIOR PILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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Haeberli, Peter
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                    PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
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APPLICATION NUMBER: US 10/757,80:
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Sequence 91, Application US/10861060
Publication No. US20050137155A1
APRICANT, MSD-19pen, James APRICANT, MSD-19pen, James APRICANT, MSD-19pen, James APRICANT, MSD-19pen, James APRICANT, MSD-19pen, MSD
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: FCT/US03/05346
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR PPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR PPLICATION NUMBER: US 10/698311
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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APPLICANT: Chortra, Bhazt
TITLE D'INVESTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE D'INVESTION: Short: Interfering Nucleic Acid (sikk)
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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APPLICANT: McSwiggen, James
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Pred. No. 2e+02;
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US-10-861-060-92/c
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Publication No. US20050137155A1
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCTU803/05346
PRIOR FILING DATE: 2003-02-20
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APPLICANT: Mesd-il, Pecer
APPLICANT: Ghowrize, Bhazt
TITLE OF IMPRITION: RNA Interference Mediated Treatment of
TITLE OF IMPRITION: Short Interfering Nucleic Acid (mix)
FILE REMERBACE: 00/1/62 (Meming-772-A)
FILE REMERBACE: 00/1/62 (Meming-772-A)
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
          Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOPTHARE: PatentIn version 3.3
                                                                                           PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION UNMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR PILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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Local Similarity 100.0%; Pred. No.
                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05026
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FILING DATE: 2003-05-23
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RESULT 295
US-10-861-060-94/c
; Sequence 94, Application US/10861060
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Matches Query Match

111 CCAAACAGGGTGTGGCAGA 129

Conservative

100.0%, 1.2%; Score 19;

pred. No. 2e ; Mismatches

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Length 19 Indels

19

Best Local Similarity

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, OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-92
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PRIOR MAPILONIOS NOMERS: US 10/75/803
PRIOR MAPILONIOS NOMERS: US 10/75/803
PRIOR MAPILONIOS NOMERS: US 10/75/803
PRIOR MAPILONIOS NOMERS: US 10/75/8049
PRIOR MAPILONIOS NOMERS: US 10/44/803
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US-10-861-060-93
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APPLICANT: McSwis
APPLICANT: Haeber
APPLICANT: Chowr
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Publication No. US20050137155A1
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                                                                                                                                        SEQ ID NO 93
                                                                                                                                                                                                                                                                        PRIOR PILING DATE: 2003-02-20
REIGR APPLIANTION INMERR: PCT/MS3/05028
REIGR FILING DATE: 2003-02-20
REIGR APPLIANTION INMERR: US 104-089311
REIGR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                           SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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              OTHER INFORMATION: Description of Artificial
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                                                                  ORGANISM: Artificial Sequence
                                                                                         TYPE: RNA
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                                                                                                            LENGTH: 19
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Pred. No.
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Mismatches 0; Indela
                                                                                                                                                                                                               See File Wrapper or PALM
                       Seguence:
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US-10-861-060-95/c
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                                                                                                                                                                                                                APPICANT, Chowritz, Bharet
TITLE OF INMERTON BANA Interference Mediated Teatment of Parkinson Disease Using
TITLE OF INMERTON: Short Interfering Natistic Acid (sINA)
TILE REFERENCE: 0.0742 (188804-1972A)
CIRBERT PARICATION NOMERS: 183/10/851,660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION
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                                                                                                                                   PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR PILING DATE: 2003-10-31
                                                                            PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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                                                            PRIOR FILING DATE: 2004-01-14
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PRIOR APPLICATION NUMBER: US 10/720,448
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     FILING DATE: 2003-11-24
                                APPLICATION NUMBER: US 10/720,448
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US-10-861-060-96/c
                                                                            SEQ ID NO 96
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PRIOR PILING DATE: 2004-00-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PILING DATE: 2004-01-14
PRIOR PILING DATE: 2004-01-14
PRIOR PILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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                                                                                                        SOFTWARE: PatentIn version 3.3
                                                                                                                                   Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US :
PRIOR FILING DATE: 2003-10-31
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TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/693,059
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-02-20
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ORGANISM: Artificial Sequence
                                                      LENGTH: 19
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FILING DATE: 2003-05-23
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-861-060-96
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                                                                                     RESULT 299
US-10-861-060-98/c
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Best Local Similarity
Matches 19; Conserv
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                      GENERAL INFORMATION:
                                        Sequence 98, Application US/10861060
Publication No. US20050137155A1
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                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 97
LENGTH: 19
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PRIOR PLIMS DATE: 2003-10-31
PRIOR PLIMS DATE: 2003-10-31
PRIOR PLIMS DATE: 2003-10-31
PRIOR PLIMS DATE: 2003-07-30
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/720,448
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APPLICANT: Sirna Therapeutics, Inc
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                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
                                                                                                                                                                                                                                                                                        Local Similarity
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                                                                                                                                                                                                           183 AGGGAGTGGTGCATGGTGT 201
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Haeberli, Peter
Chowrira, Bharat
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Pred. No. 2e+02;
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LENGTH: 19
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Publication No. US20050137155Al
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                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                   APPLICANT: Haeberli, Peter
APPLICANT: Haeberli, Peter
APPLICANT: Chowrina Bharat
TITLE OF INVENTION: BAN Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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                                                                            PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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                  APPLICATION NUMBER: US 10/444,853
                                        FILING DATE: 2003-10-23
                                                          APPLICATION NUMBER: US 10/693,059
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Score 19; Pred. No 0,

Mismatches 2e+02; DB 1; Length 19 Indels

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Gape 0

Inc

Parkinson Disease Using

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, OTHER INPORMATION: Description of Artificial Sequence: sina antisense region US-10-861-060-98
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Remaining Prior Application data removed - See File Wrapper or PALM
ADMERS OF 850 ID NOS 1976
ADMERS OF 850 ID NOS 1976
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/444,853
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APPLICATION NUMBER: US 10/720,448
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US-10-861-060-100/c
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                                                                                                   SEQ ID NO 100
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                                                                                                                             Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
                                                                                                                                                                                                 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US:
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PRIOR FILIMA DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILIMO DATE: NUMBER: PCT/US03/05028
PRIOR APPLICATION NUMBER: PCT/US03/05028
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FRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: Chortran, Bhara:
ITTLE OF IMPENTION: ERA Interference Mediated Treatment of Parkinson
ITTLE OF IMPENTION: Blot: Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 [MBHBM4-572-A]
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APPLICANT: McSwiggen, James
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               ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
FEATURE:
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FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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US-10-861-060-100

OTHER INFORMATION: Description of Artificial Sequence:

sinh antisense region

APPLICANT

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US-10-861-060-102/c
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                                                                     GENERAL INFORMATION:
                                                                                       Sequence 102, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 101
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APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Hasberli, Peter
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Best Local Similarity
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NUMBER OF EGO ID NOS: 374
SOPTWARE: PatentIn version 3.3
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PRIOR FILING DAYE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DAYE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                          255 TGGTGACGGGTGTGACAGC 273
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TITLE DO INVENTON: Short Interfering Nother Acid (size)
FILE REFERENCE ACID (20 CHEM)
FILE REFERENCE ACID (20 CHEM)
FILE REFERENCE ACID (20 CHEM)
FILO APPLICATION NOMBER: 00740 4451,400
FILO APPLICATION NOMBER: 00740-11
FILO APPLICATION NOMBER: 00740-12
FILO APPLICATION NOMBER: 00 10757-803
FILO APPLICATION NOMBER: 00 10757-803
FILO APPLICATION NOMBER: 00 10757-803
FILO APPLICATION NOMBER: 00 10750-408
FILO APPLICATION NOMBER: 00 10750-408
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 103, Application US/10861060 
Publication No. US20050137155A1
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: US 10/698,311
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: a/o//.cz (MENDBA-7-72-A) ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Meddiggen, Jones
APPLICANT: Meddig and APPLICANT AND APPLICANT: MARCHAIN AND APPLICANT: MARCHAIN AND APPLICANT AND AP
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                                                PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sirna Therapeutics, Inc
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FILING DATE: 2003-10-23
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FILING DATE: 2003-11-24
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                        APPLICATION NUMBER: PCT/US03/05346
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Pred. No.
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Publication No.
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RIOR APPLICATION NUMBER: PCT/US03/05028
RIOR FILING NATE: 2003-02-20
RIOR APPLICATION NUMBER: VI 10/698311
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING NATE: 2003-10-31
RRIOR APPLICATION NUMBER: US 10/698311
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Best Local Similarity 100.0%;
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                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                 291 TGGAGGGAGCAGGAGCAT 309
                                                                        19 TGGAGGGAGCAGGGAGCAT
Application US/10861060 o. US20050137155A1
                                                                                                                           Conservative
                                                                                                                                        1.2%, Score 19,
100.0%, Pred. No.
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2e+02;
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## APPLICANT: Sirna Therapeutics, Chowrira, Bharat McSwiggen, Jame Haeberli, Peter Inc

TITLE OF INVENTION: BNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/122 (MBHB04-7272-A) Parkinson Disease Using

CURRENT APPLICATION (NUMBER: US/10/861.060
CURRENT FILING DAYE: 0.004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING NUMBER: US 10/698,311
PRIOR FILING NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16
PRIOR PELCATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448 PRICE FILING DATE: 2003-11-24
PRICE APPLICATION NUMBER: US 10/693,059
PRICE FILING DATE: 2003-10-23
PRICE FILING DATE: 2003-10-23
PRICE FILING DATE: 2003-10-30
PRICE FILING DATE: 2003-05-23
PRICE FILING DATE: 2003-05-26
PRICE FILING DATE: 2003-05-26

Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374 SOPTMASE, setemblin version 3.3 PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30

TYPE: RNA ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region 1.2%, Score 19; Pred. No. DB 1; 2e+02; Length 19;

FILING DATE:

2003-02-20

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US-10-861-060-106/c
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                                                                                                                                                                              Sequence 106, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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PRIOR APPLICATION MANGER: US 10/826,966
PRIOR EILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2004-01-14
PRIOR FILING DATE: 2003-11-24
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Best Local Similarity
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SEQ ID NO 105
LENGTH: 19
     APPLICANT: Medeligen, James
APPLICANT: Medelij Pece
APPLICANT: Chorlita, Bharat
APPLICANT: Chorlita, Bharat
TITLE OF INVENTION; Short Interfering Nucleic Acid (sINA)
                                                                                                                                              APPLICANT: Sirna Therapeutics, Inc.
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Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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FILE REFERENCE: 400/162 (MBHB04-372-A)
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/0534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Short Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REFERENCE: 400/162 (MBH504-372-A)
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APPLICANT: McSwiggen, James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 10/698311
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Haeberli, Peter
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00.0%; Pred. No.
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                                                          PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/U803/05346
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                   PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                         PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/720,448
                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 (MBHB04-372-A)
                                     PRIOR APPLICATION NUMBER: PCT/US03/05028
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APPLICATION NUMBER: US 1

NUMBER: US 10/698311

Chowrira, McSwiggen, James Haeberli, Peter

Bharat

Parkinson Disease Using

Therapeutics,

Inc

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US-10-861-060-107/c
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PRIOR PETING NUMBER: 2003-05-20
PRIOR PETING NUMBER: PCT/USO/05028
PRIOR PETING NUMBER: 2003-05-20
PRIOR PETING NUMBER: 2003-05-20
PRIOR PETING NUMBER: 2003-05-20
PRIOR PETING NUMBER: 2003-05-20
PRIOR PETING NUMBER: PCT/USO4/13456
    Publication No.
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region
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PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                           FEATURE
                                                                                                                                                                                                                                                           Local
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FILING DATE: 2003-10-23
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Application US/10861060 o. US20050137155A1
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US-10-861-060-108/c
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                                                                                                                         FEATURE:
PROBUNTION: Description of Artificial Sequence: siNA antisense region
US-10-861-060-108
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SEQ ID NO 107
LENGTH: 19
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Publication No. US20050137155A1
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LENGTH: 19
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PRIOR FILIME DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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TITIE OF INTENTION: Short Interfering Nucleic Acid (GINA)
FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION MOMBER: US/10/861,660
CURRENT FILHE UNITE: 2004-6-03
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-0
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2003-10-31
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hes 19; Conserv
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Pred. No.
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                                                                                                                                                                                                                       GENERAL INFORMATION:
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TITIE DE INVENTION: ENA INCETECEMEN MODIALE ACID (SINA)
TITIE DE INVENTION: SADOT, INCETECTIN MODIALE ACID (SINA)
TITIE REFERENCE: 400/452 (MERRO4-372-A)
CURRENT PAILANTO MUNDER: US DOI/495/311
BRICH APPLICATION MUNDER: US DOI/495/311
                                                                                                                                                                                                                                              Sequence 110, Application 05/10
Publication No. US20050137155AJ
                                                                                                                             APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrire, Bharat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: RNA
ORGANISM: Artificial Sequence
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381 TTCTGGAAGATATGCCTGT 399

Application US/10861060

Parkinson Disease Using

Conservative

o; Mismatches 2e+02;

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1.2%; Score 19; DB 1; Length 19

siNA antisense

region

See File Wrapper or

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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBERS: US 10/44,853
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-05-26
PRIOR FILING DATE: 2003-05-26
PRIOR FILING DATE: 2003-05-20
PRIOR FILING DATE: 2003-05-20
PRIOR FILING DATE: 2003-05-20
PRIOR FILING DATE: 2003-101-101
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: RNA Interfering Nucleic Acid (sinh)
TITLE OF INVENTION: Short Interfering Nucleic Acid (sinh)
FILE REFERENCE: 400/162 (MBHB04-372-A)
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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US-10-861-060-111/c
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Publication No. US20050137155A1
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICANT: Chowring, Bharat
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SEQ ID NO 110
LENGTH: 19
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APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 374
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FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
FILING DATE: 2004-04-30
                                                     PILING DATE: 2003-05-22

APPLICATION NUMBER: PCT/US03/05346

FILING DATE: 2003-02-20

APPLICATION NUMBER: PCT/US03/05028

FILING DATE: 2003-02-20

APPLICATION NUMBER: US 10/698311
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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APPLICATION NUMBER: PCT/US04/13456
FILING DATE: 2004-04-30
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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FILING DATE: 2003-05-23
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FILING DATE: 2004-01-14
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FILING DATE: 2003-11-24
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FILING DATE: 2004-04-16
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US-10-861-060-111
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 111
LENGTH: 19
                    GENERAL INFORMATION:
                                  Sequence 112, Application US/10861060
Publication No. US20050137155A1
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Best Local Similarity
APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DAYE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DAYE: 2003-02-20 PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23 APPLICANT: Medeligen, James
APPLICANT: Medelil, Peter
APPLICANT: Chowriss, Barat, Peter
TITLE OF INVESTION Bost Interfering Mediated Treatment of
TITLE OF INVESTION SHORT Interfering Mediated Acid (BINA)
PLEA METERORIS (BOLZ MEMBRA-172) NO.
TOTAL METERORIS (BO PRIOR APPLICATION NUMBER, US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER, US 10/720,448
PRIOR FILING DATE: 2003-11-24 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR FILING DATE: 2004-04-16 Parkinson Disease Using

Remaining Prior Application data removed NUMBER OF EQU ID NOS: 374
SOCTWARE: Patentin version 3.3
SEQ ID NO 112
LENGTH: 19 ORGANISM: Artificial Sequence TYPE: RNA See File Wrapper or

PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30

; FEATURE; ; COTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-112 Matches Best Local 453 ACGNACCTGAAGCCTAAGA 471 Similarity Conservative 100.0% 1.2%; Score 19; 100.0%; Pred. No. o, Mismatches DB 1; Length 19 2e+02; Indels siNA antisense region 0; Gaps

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US-10-861-060-113/c
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SEQ ID NO 113
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APPLICANT, Obserta, Bharts
APPLICANT, Obserta, Bharts
APPLICANT, Obsertant Barts (See Applicant of Parkinson Disease Using
ATTLE OF INVESTOR, Short, Insertisting Nucleic Acid (siAA)
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: McSwi
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nes 19; Conservative
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APPLICATION NUMBER: US 10/698311
R FILING DATE: 2003-10-31
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APPLICATION NUMBER: PCT/US03/05346
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FILING DATE: 2004-04-16
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100.0%; Pred. No. 2e+02;
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LENGTH: 19
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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OTHER INFORMATION: Description of Artificial Sequence:
                                                        ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                   See File Wrapper or PALM
                 sinA antisense region
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Query Match Best Local Similarity 489 TITCTIGAGATCTGCTGAC 507 19 TTTCTTGAGATCTGCTGAC 1 Conservative 100.0%; 1.2%; Score 19; DB 1; 00.0%; Fred. No. 2e+02; 0; Mismatches Length 19, Indels 0,

Sequence 115, Application US/10861060 Publication No. US/20050137155A1 APPLICANT: Hasberra, Perer APPLICANT: Chowriza, Bharat APPLICANT: Sirna Therapeutics, Haeberli, Peter McSwiggen, Inc

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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR PELICATION NUMBER: PCT/0803/05346
PRIOR PELICATION NUMBER: PCT/0803/05028
PRIOR PELICATION NUMBER: PCT/0803/05028
PRIOR PELICATION NUMBER: D00-03-01
PRIOR PELICATION NUMBER: D01-03-01
PRIOR PELICATION NUMBER: PCT/0804/13456
PRIOR PELICATION NUMBER: PCT/0804/13456
PRIOR PELICATION NUMBER: PCT/0804/13456 PRIOR FILING DATE: 2003-05-23 PRIOR APPLICATION NUMBER: PCT/US03/05346 APPLICATION NUMBER: US 10/693,059 FILING DATE: 2003-10-23 APPLICATION NUMBER: US 10/444,853

Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374 SOFTWARE: PatentIn version 3.3 - See File Wrapper or PALM

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US-10-861-060-115
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PRIOR FILMS DATE: 2003-10-31
PRIOR PEPILOTION NUMBER: US 10/85,966
PRIOR PEPILOTION NUMBER: US 10/85,803
PRIOR PEPILOTION NUMBER: US 10/75,803
PRIOR PEPILOTION NUMBER: US 10/75,803
PRIOR PEPILOTION NUMBER: US 10/72,448
PRIOR PEPILOTION NUMBER: US 10/720,448
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Best Local Similarity
Matches 19; Conser
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FLIMG DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FLIMG DATE: 2003-02-20
PRIOR APPLICATION UNDERS: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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TITLE OF INVENTION: Short Limetfering Nucleic Acid (sixs) 
TILE REFERENCE: 40/1/52 (MSHS04-372-A) 
CURRENT ADVICTION NUMBER: U5/10/651,560 
CURRENT FILLED LHEE: 2004-56-03 
CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-03 CURRENT FILLED LHEE: 2004-56-
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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100.0%; Fred. No.
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US-10-861-060-117/c

APPLICATION NUMBER: US 10/720,444 FILING DATE: 2004-01-14 APPLICANT: Sirna Therapeutics,

Parkinson Disease

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US-10-861-060-117
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PRIOR FILING DATE: 2003-09-24
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-10-31
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PRIORE PRICING NOMBRE: UR 10/127,003
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PRIORE PRICING NOMBRE: UR 10/127,003
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PRIORE PRICING NOMBRE: UR 10/120,104
PRICING PRICING NOMBRE: UR 10/140,105
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/658,311
PRIOR FILING DATE: 2003-10-31
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TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
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                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
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                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                            TYPE: KNA
                            Similarity
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Chowrira, Bharat
1.2%; Score 19; DB 1; Length 19; larity 100.0%; Pred. No. 2e+02; Conservative 0; Mismatches 0; Indels
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US-10-861-060-119/c
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Publication No. US20050137155A1
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NUMBER OF SEQ ID NOS: 374
SOPTMARE: PatentIn version 3.3
              SEQ ID NO 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF PROPETION: DAN interference Mediated Treatment of Earkinson Disease Using TITLE OF IMPORTOR. Short interfering Wacheid Acid (milk) PLE REFERENCE: 405/152 (MEMBAC-172-A) (GURBERT MANICALTON NOMER: US/10/61.06 (URBERT FILMS OUTS: 2004-05-03).
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR EXITE SAME
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                                                          SOFTWARE: PatentIn version 3.3
                                                                                  Remaining Prior Application data removed 
NUMBER OF SEQ ID NOS: 374
                                                                                                                              PRIOR FILING DATE: 2004-04-30
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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APPLICATION NUMBER: US 10/444,853
PILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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FILING DATE: 2003-02-20
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Pred. No.
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2e+02;
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                                                                                            RESULT 322
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                   Sequence 121, Application US/10861060
Publication No. US20050137155A1
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SEQ ID NO 120
LENGTH: 19
GENERAL INFORMATION:
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Best Local !
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PRIOR APPLICATION NUMBER: PCT/US03/0502E
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PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 10/698311 PRIOR APPLICATION NUMBER: PCT/US03/05346

APPLICATION NUMBER: PCT/US04/13456

PRIOR FILING DATE: 2004-04-30

OTHER IMPORMATION: Description of Artificial ORGANISM: Artificial Sequence

Sequence: siNA

597 TCAGCAGTGATTGAAGTAT 615 19 TCAGCAGTGATTGAAGTAT

19; Similarity

Conservative

0; Mismatches

100.0%;

1.2%; Score 19; DB 1; Length 19; 00.0%; Pred. No. 2e+02;

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, OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-119
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Matches 19, Conserv
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
                                                                                                       PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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                                                                PRIOR APPLICATION NUMBER: US 10/693,059
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Chowrira, Bharat
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Pred. No.
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APPLICANT: Sirna Therapeutics,

Inc

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US-10-861-060-122/c
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Publication No. US20050137155A1
GENERAL INFORMATION:
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PILING DATE: 2006-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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CURRENT FILING DATE: 2004-06-03
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
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PRIOR PILLING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILLING DATE: 2003-02-20
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVESTIGES, RNA Interference Mediated Treatment of Barkinson Disease Using
TITLE OF INVESTIGES, RNA Interference Mediated Treatment of Barkinson Disease Using
TITLE REPERIOR: DOI: 10.148. (MSHR): 10.74.
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PRIOR FILING DATE: 2004-01-14
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PRIOR APPLICATION NUMBER: US 10/826,966
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                    FILING DATE:
                                    APPLICATION NUMBER: US 10/693,059
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APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
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Chowrira, Bharat
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                                                                                                                                       SOFTWARE: PatentIn version 3.3
SEQ ID NO 123
                                                                                                                                                                                      Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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FEATURE: OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
                                                              ORGANISM: Artificial Sequence
                                                                                        TYPE: RNA
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See File Wrapper or PALM

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PRIOR APPLICATION KUMBER: US 10/698,311
PRIOR FILMS OME: 2003-10-31
PRIOR PELING NUMBER: US 10/826,966
PRIOR MEDICATION KUMBER: US 10/826,966
PRIOR MEDICATION KUMBER: US 10/826,960
PRIOR MEDICATION KUMBER: US 10/757,803
PRIOR MEDICATION KUMBER: US 10/720,448
PRIOR MEDICATION KUMBER: US 10/720,448
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                                                                                                                                                                                              CURRENT FILING DATE:
                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                          TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 (MBH804-372-A)
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                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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APPLICATION NUMBER: PCT/US03/05346
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Haeberli, Peter
Chowrira, Bharat
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b. US20050137155A1
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Pred. No.
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US-10-861-060-124/C
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LENGTH: 19
                  GENERAL INFORMATION:
                                Sequence I25, Application US/10861060
Publication No. US20050137155A1
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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APPLICANT: Sirna Therapeutics,
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hes I9; Conserv
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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FILING DATE: 2003-11-24
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Haeberli, Peter
Chowrira, Bharat
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Pred. No.
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CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 PRIOR APPLICATION NUMBER: US 10/598,311 PRIOR FILING DATE: 2003-10-31
                                                                                                                                                         TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
                                                                                                                         FILE REFERENCE: 400/162 (MBHB04-372-A)
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14

PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23 PRIOR APPLICATION NUMBER: US 10/720,448

PRIOR APPLICATION NUMBER: US 10/698311
PRIOR PILING DATS: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30 PRIOR APPLICATION NUMBER: PCT/US03/05346 PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2003-02-20 FILING DATE: 2003-05-23

Remaining Prior Application data NUMBER OF SEQ ID NOS: 374 removed - See File Wrapper or PALM

PatentIn version 3.3

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region TYPE: RNA ORGANISM: Artificial Sequence

Guery Match Best Local Similarity Conservative 100.0%; 1.2%; Score 19; 100.0%; Pred. No. 0 Mismatches DB 1/ 2e+02; Length 19 Indels 0

687 GTGTGCTGTGGATTTTGTG 705 19 GIGIGCIGIGGATTITGIG I

GENERAL INFORMATION: Sequence 126, Application US/10861060 Publication No. US20050137155A1 inc

McSwiggen, James Haeberli, Peter Parkinson Disease Using

PRICES PRECIONIOS NOMBRES US 10/909.311
PRICES FILHED DATE: 2003.10-31
PRICES PRECIONIOS NOMBRES: US 20/124,946
PRICES PRECIONIOS NOMBRES: US 20/175,903
PRICES PRELICED DATE: 2004.00-14
PRICES PRELICED DATE: 2004.00-14
PRICES PRELICED DATE: 2004.00-14
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PRICES PRELICED DATE: 2003.10-13
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FILING DATE: 2003-05-23 APPLICATION NUMBER: PCT/US03/05346 APPLICATION NUMBER: US 10/444,853

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US-10-861-060-127
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    Query Match
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Publication No.
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05026
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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BRION FILME DATE: 2003-10-11
BRION AUPLICATION NUMBER: US 10/826, 966
BRION AUPLICATION NUMBER: US 10/757, 803
BRION FILLNE DATE: 2004-01-14
BRION FILLNE DATE: 2004-01-14
BRION FILLNE DATE: 2004-01-14
BRION APPLICATION NUMBER: US 10/720, 448
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CURRENT FILING DATE: 2004-06-03
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ABPLICAMT, Hadberli, Peter
ABPLICAMT, Hadberling Market accret Mediated Treatment of Parkinson Disease Using
TITLE OF INVESTIGN: ABOUT Interfering Nucleic Acid (aiMA)
Film REFERENCE; OCIVICAT (DESIGNA, 472-A)
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                                                                     OTHER INFORMATION: Description of Artificial Sequence:
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APPLICANT: McSwiggen, James
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                  ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: PCT/US03/050:
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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ORGANISM: Artificial Sequence
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    Score 19,
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DB 1;
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                                                                                                                                      ; Sequence 129, Application US/10; Publication No. US20050137155A1; GENERAL IMPORMATION:
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                   APPLICANT:
                                                                     APPLICANT:
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NUMBER OF EEQ ID NOS: 374
SOFTMARE: Patentin version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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REPLICATION NUMBER: PCT/US03/05346

PCT/US03/05028

TITLE OF INVENTION:

McSwiggen, James Haeberli, Peter Chowrira, Bharat

INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

Short Interfering Nucleic Acid (BINA)

741 CCTAAGTGACTACCACTTA 759

Conservative

0; Score 19; Pred. No.

Mismatches

0; Indels Length 19

0

Gaps

0

100.0%;

19 CCTANGTGACTACCACTTA 1

Application US/10861060

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US-10-861-060-128/c
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
                                                                                                                                                                                 PILE REPERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/661,060
CURRENT STUND DATE: 2004-06-9
PRIOR APPLICATION NUMBER: US/10/698,311
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
                                                                                           PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                     APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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RESULT 331
US-10-861-060-130/c
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NEPICONT: Mebrighen James
NEPICONT: Obserits, Bhaze;
NEPICONT: Obserits, Bhaze;
NITLE OF INVENTION: Short Interference Mediated Teatment of Parkinson Disease Uning
TITLE OF INVENTION: Short Interference Mediated Acid (sina)
File Reference: GOVICA (Media-172A)
CHESENT PERIORITION MORRES: US/1/811.06
CHESENT PERIORITION MORRES: US/1/811.06
CHESENT PERIORITION MORRES: US/1/811.06
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PRIOR FILING DATE: 2004-04-16

PRIOR FILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-01-14

DATE: 2004-01-14
                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR PILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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ORGANISM: Artificial Sequence
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SOFTMARE: Patentin verieur 3.3
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2004-01-14
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PRIOR PILING DATE: 2004-04-16
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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                    APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
                                                                                                  APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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2003-02-20
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Pred. No.
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                                                                                                                                      US-10-861-060-131
                              Query Match 1.2%; Score 19; DB 1;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches
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US-10-861-060-131/c
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Best Local Similarity 100.0%;
Matches 19; Conservative (
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NUMBER OF SEQ 1D NOS: 374
SOPTANER: PatentIn version 3.3
SEQ ID NO 130
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                          SEQ ID NO 131
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PRIOR APPLICATION UNMEER: UB 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION UNMEER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/U803/05346
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                            TYPE: RNA
                              FEATURE:
                                                       ORGANISM: Artificial Sequence
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Haeberli, Peter
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                                                                                                                                                                                                                                                                                                                                                             Sequence 133, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
                ABPICANT Size Therapautis, Inc.
ABPICANT Shocking, The ABPICANT STATE OF ABPICANT SHOCKING THE ABPICANT SHOCKING STATE STATE ABPICANT SHOCKING STATE STATE STATE STATE STATE STATE STATE ABPICANT SHOCKING STATE S
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SEQ ID NO 132
LENGIH: 19
CURRENT FILING DATE:
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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CURRENT FILING DATE: 2004-06-03
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SEQ ID NO 133
LENGTH: 19
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Best Local Similarity
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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PRIOR FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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FILING DATE: 2003-02-20
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FILING DATE: 2003-05-23
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FILING DATE: 2003-11-24
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US-10-861-060-134
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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APPLICANT: Chowrira, Bharat
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APPLICATION NUMBER: US 10/444,853
PILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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APPLICATION NUMBER: US 10/693,059
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b. US20050137155A1
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2e+02;
                                                                                                       DB 1; Length 19
2e+02;
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Best Local Similarity 100.0%; P
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Publication No.
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Publication No. US20050137155A1
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2004-01-14
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                                          PRIOR APPLICATION NUMBER: US 10/698,311
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Parkinson Disease Using

TITLE OF INVENTION: INA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA) FILE REFERENCE: 400/AS2 (MEMBO4-372-A) CURRENT FILING DATE: 2004-06-03 CURRENT FILING DATE: 2004-06-03 COMBERT FILING DATE: 2004-06-03 COMPAND MEMBOR: US 10/690,311

APPLICATION NUMBER: PCT/US04/13456

Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374 SOFTWARE: PatentIn version 3.3 See File Wrapper or PALM

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region

Score 19; Pred. No. 20+02; DB 1; Length 19;

Indels

0 Gaps

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NEPLICANT: Chowit's, Bharst
TITLE OF INVESTION: BMA Interference Mediated Treatment of
TITLE OF INVESTION: BMOST Interfering Muclaic Acid (siMA)
FILE REFERENCE: 00/142 (MEMBO-172-A)
CHRESET APPLICATION NYMERS: MS/10/641,060
CHRESET PELING NYMERS: 2004-6-0;3
CHRESET FILING DATE: 2004-6-0;3 Parkinson Disease Using

PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: US 10/826,966

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PRIOR PELING UNTE: 2001-10: US 10/693, 059
PRIOR PELING DATE: 2001-05-10/444, 853
PRIOR PELING DATE: 2001-05-10/444, 853
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Matches 19; Conserv
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR APPLICATION NUMBER: PCT/US04/13456
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SOFTWARE: Patentin version 3.3
                                                                                  PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR APPLICATION NUMBER: US 10/698,311
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APPLICANT: Haeberli, Peter
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Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
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APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
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100.0%; Pred. No.
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SEQ ID NO 139
LENGTH: 19
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Publication No. US20050137155A1
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File Reference; 40/152 (Member-1724),
File Referen
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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                                                                                                                                                                                                     939 TAAATACTAAATATGAAAT 957
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SOFTWARE: PatentIn version 3.3
                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                      Local Similarity
                           921 CATGAAACTATGCACCTAT 939
19 CATGAAACTATGCACCTAT 1
                                                         Conservative
                                                                         100.0%;
                                                         0; Mismatches
                                                                      Score 19;
Pred. No.
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2e+02;
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RESULT 341

100.0%;

Score 19; DB 1; Length 19; Pred. No. 2e+02;

siNA antigense region

See File Wrapper or PALM

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See File Wrapper or PALM

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US-10-861-060-141/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 140
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA) 
TITLE REPRESENCE: 4.001 (AZ MEMBOR-172A) 
CURRENT PAPLICATION NUMBER: 05/10/851.00 
CURRENT PAPLICATION NUMBER: 05/10/851.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 141, Application US/10861060 Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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ABPICAMT: Medelik, Bect
ABPICAMT: Chowitz, Bharti, Bect
TITLE OF YAMBYION: Bloot Interference Wednated Treatment of Parkinson
TITLE OF YAMBYION: Short Interfering Mediated Acid (sixx)
TITLE MEDE
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                                PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sirna Therapeutics, Inc. APPLICANT: McSwiggen, James
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 19
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LAPPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
RAPPLICATION NUMBER: PCT/US04/13456
FILING DATE: 2004-04-30
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PILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/757,803
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Chowrira, Bharat
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100.0%; Pred. No. 2e+02;
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REIDE REIDE ONTE: 2003-02-25
REIDE REIDE ONTE: 2003-02-35
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: US 10/698,311
                                                                 SOFTWARE: PatentIn version 3.3
                                                                                                  Remaining Prior Application data
NUMBER OF SEQ ID NOS: 374
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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-141
                                                                                                                                                                                   SEQ ID NO 141
LENGTH: 19
Matches
                                     Query Match
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR FILING DATE: 2003-10-23
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                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US03/05026
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                                                                                                                                         ORGANISM: Artificial Sequence
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Local Similarity
hes 19; Conserv
    Conservative
                    Score 19;
pred. No.
    0,
    Mismatches
                         DB 1;
2e+02;
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                                             Length 19
                                                                                                        ANIB
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                                                                                                            antisense region
        Gaps
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US-10-861-060-142/C Sequence 142, Application US/10 Publication No. US/20050137155A1 TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) APPLICANT: Sirns Therapeutics, FILE REFERENCE: 400/162 (MBHB04-372-A) 975 TGTTTTATTCACTTGTGTT 993 19 Chowrira, Bharat Haeberli, Peter McSwiggen, Application US/10861060 0

APPLICATION NUMBER: US 10/757,803

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Sec File Wrapper or PALM

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US-10-861-060-144/c
; Sequence 144, Application US/10861060
; Publication No. US20050137155A1
                                                             RESULT 345
                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region
US-10-861-060-143
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                              FEATURE:
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                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US04/13456
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Chowrira, Bharat
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b. US20050137155A1
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Pred. No.
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2e+02;
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GENERAL INFORMATION: Sequence 145, Application US/10861060 Publication No. US20050137155A1

APPLICANT: Sirna Therapeutics,

Inc

PRICOS APPLICATION NUMBER: US 10/698,311
PRICOS PILLYS CANTE: 2003-10-11 (826,966
PRICOS APPLICATION NUMBER: US 10/826,966
PRICOS PILLYS CANTE: 2004-416 (826)
PRICOS APPLICATION NUMBER: US 10/757,803
PRICOS APPLICATION NUMBER: US 10/720,448

APPLICATION FILING DATE: 2003-11-24

NUMBER: US 10/693,059

Macches

19, Similarity Conservative

1029 TCTCATTGCAJAAATATTT 1047

19 TCTCATTGCAAAAATATTT 1

Query Match

PRIOR PRIOR PRIOR PRIOR PRIOR PRIOR

Best Local

100.0% 1.2%; Score 19; 100.0%; Pred. No. 0;

Mismatches

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DB 1; Length 19 2e+02;

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SEQ ID NO 144
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Remaining Prior Applicate on data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                         SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/444,853
OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                    ORGANISM: Artificial Sequence
                                                                                                   TYPE: RNA
                                           PEATURE:
                                                                                                                                                                                                                                                                                                               FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
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US-10-861-060-146/c
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LENGTH: 19
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NUMBER OF SEQ ID NOS: 374
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PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                  SEQ ID NO 146
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION, Short Interfering Nucleic Acid (sINA)
FILE REFERENCE: 460/162 (MBHB04-372-4)
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ORGANISM: Artificial Sequence
                                                                                                                           Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
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                                                                                                    SOFTWARE: PatentIn version 3.3
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FEATURE:
                  ORGANISM: Artificial Sequence
                                                           LENGTH: 19
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APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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FILING DATE: 2003-10-23
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APPLICATION NUMBER: PCT/US03/05346
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Haeberli, Peter
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100.0%; Pred. No.
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2e+02;
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    APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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; OTHER IMPORMATION: Description of Artificial Sequence: US-10-861-060-146
Length 19
                                                                          sinh antisense region
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Best Local Similarity 1065 ACTITAATAATAAAAATCA 1083 19 ACTITAATAATAAAATCA 19; Conservative 1.2%; ç Score 19; Pred. No. Mismatches DB 1; 2e+02; 0; Indels 9 Gaps

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US-10-861-060-147/c Sequence 147, Application US/10861060 Publication No. US20050137155A1

GENERAL INFORMATION: APPLICANT: Sirna Therapeutics, McSwiggen, James Haeberli, Peter

TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (SiNA) FILE REFERENCE: 400/162 (MBH50+3/2-)) Chowrira, Bharat Parkinson Disease Using

CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILLING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/0534) APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311 PCT/US03/05346

SOFTWARE: PatentIn version 3.3 Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30 See File Wrapper or PALM

TYPE: RNA ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: FEATURE: siNA antisense region

Query Match Best Local Similarity 19; Conservative 100.0%; 1.2%; Score 19; o; Pred. No. Mismatches 2e+02; DB 1; Length 19

9

Gaps

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1083 ATGCTTATAAGCAACATGA 1101

19 ATGCTTATAAGCAACATGA

US-10-861-060-148/c
US-10-861-060-148/c
Sequence 148, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:

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US-10-861-060-149/c
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TITLE OF INVENTION: EAN Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 0.00/182 (MEDNG-172-A)
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Matches 19; Conservative
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APPLICANT: Haeberli, Peter
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NUMBER OF ESG ID NOS: 374
SOFTWARE: Patentin version 3.3
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT,
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT PILING DATE: 2004-06-03
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1713 DO HYMPHTON: RNA Interference Mediated Treatment of Parkinson Disease Using
1714 DO HYMPHTON: RNA INTERFERENCE ACID NOCEL ACID (8184)
FILE REFERENCE: 108/180/161/121/2/A
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PRIOR APPLICATION NUMBER: US 10/444,853
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FILING DATE: 2003-05-23
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APPLICATION NUMBER: PCT/US04/13456
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US-10-861-060-150

FEATURE:

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region

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               PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER 0F SEO ID NOS: 374
SOFTMARE: Pacentin version 3.3
SEO ID NO 150
SEO ID NO 150
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APPLICANT: Sirna Therapeutics,
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Best Local Similarity
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SEQ ID NO 149
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 20/693,059
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-02-20
TYPE: RVA
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                                                                                                                                                                                                                                                                                                            FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                             FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Haeberli, Peter
Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/10861060
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100.0%; Pred. No.
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US-I0-861-060-151/c
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                                                                                                                                                                                                                                                                                             RESULT 353
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Best Local Similarity
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                                                                                                                                              Sequence 152, Application US/I0861060 Publication No. US20050137155AI GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05026
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR RPLING DATE: 2004-04-16
PRIOR RPLING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2004-01-14-24
ACCOUNTY OF THE PRIOR PRIOR FILING DATE: 2004-01-12-24
ACCOUNTY OF THE PRIOR 
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CURRENT APPLICATION NUMBER: US/10/86I,060
CURRENT PILING DATE: 2004-06-03
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APPLICANT: Chourira, Bharterence Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
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APPLICANT: McSwiggen, James
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              APPLICANT:
                                                                              APPLICANT:
                                                                                                          APPLICANT: Sirna Therapeutics,
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OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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APPLICATION NUMBER: PCT/US04/13456
FILING DATE: 2004-04-30
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McSwiggen, James
Haeberli, Peter
Chowrira, Bharat
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Pred. No. 2e+02;
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FILE REFERENCE. CONTECE COMMONICA (MARCHA) CAO
CURRENT PARLICUCITON NOMBRE: US/10/841.060
CURRENT PARLICUCITON NOMBRE: US/10/841.061
RECOR REFLICUCITON NOMBRE: US/10/841.011
RECOR REFLICUCITON NOMBRE: US/10/849.966
RECOR FILING DATE: 2004-01-16
RECOR RELIGIO NOMBRE: US/10/94.966
RECOR FILING DATE: 2004-01-16
RECOR RELIGIO NOMBRE: US/10/94.460
RECOR RELIGIO NOMBRE: US/10/94.460
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Publication No. US20050137155A1
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                                                                                                                         APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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                     APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
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                                                                                                   FILING DATE: 2003-05-23
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Conservative

100.0%; Pred. No. 1.2%; Score 19; 0;

> DB I; 26+02;

Mismatches

0 Length 19 Indels

0 Gaps 0

NITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

APPLICATION

NUMBER: PCT/US03/0502

McSwiggen,

Inc

Peter

Mediated Treatment of ng Nucleic Acid (siNA)

Parkinson Disease Using

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SEQ ID NO 152
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CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                        Remaining Prior Application data
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/U804/13456
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-10-31
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OTHER INFORMATION: Description of Artificial Sequence:
                                                  TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                      FILING DATE: 2004-04-30
                                                                                                                                                            PatentIn version 3.3
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           sinA antisense region
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Using

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US-10-861-060-154
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PRIOR FILMS DATE: 2004-0,14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/83,059
PRIOR FILMS DATE: 2001-124
PRIOR APPLICATION NUMBER: US 10/83,059
PRIOR HINTED MONTE: 2001-0,21
PRIOR APPLICATION NUMBER: US 10/44,853
PRIOR APPLICATION NUMBER: US 10/44,853
PRIOR MEDIL: 2001-0,21
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                                                          Query Match
                                                                                                                                                                                                                                               SEQ ID NO 154
LENGTH: 19
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Publication No. US20050137155A1
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Best Local Similarity
Matches 19; Conserv
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SOFTMARE: PatentIn version 3.3
SEQ ID NO 153
     Matches
                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/U804/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:
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FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
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PRICER PEPILOCITION HOUSES: US 10/24, 866
PRICER PEPILOCITION HOUSES: US 10/24, 866
PRICER PEPILOCITION HOUSES: US 10/24, 867
PRICER PEPILOCITION HOUSES: US 10/79, 403
PRICER PEPILOCITION HOUSES: US 10/700, 448
PRICER PEPILOCITION HOUSES: US 10/700, 448
PRICER PEPILOCITION HOUSES: US 10/700, 449
PRICER PEPILOCITION HOUSES: US 10/693, 659
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Publication No. US20050137155A1
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CURRENT APPLICATION NUMBER: US/10/861,060
                     APPLOANT: Medelgen James
APPLOANT: Medelf, Peter
APPLOANT: Modelf, Peter
TITLE OF INVENTION: Mont Interference Mediated Treatment of Parkinson Disease Uning
TITLE OF INVENTION: Short Interference Mediated Treatment of Parkinson Disease Uning
TITLE OF INVENTION: Short Interference Mediated Treatment of Parkinson Disease Uning
TITLE MONTHERM TOWN (2016)080-17-12.
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APPLICANT: McSwiggen, James
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/USG4/13456
PRIOR FILING DATE: 2004-04-30
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 (MSHB04-172-A)
CURBENT APPLICATION NUMBER: UN/10/661,060
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
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APPLICANT: Chowring, Bharat
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ORGANISM: Artificial Sequence
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100.0%; Pred. No. 2e+02;
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Publication No. US20050137155A1
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-02-20
PRIOR PLICATION NUMBER: US 10/698311
PRIOR PLILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/826,966
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 10/698,311
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APPLICATION NUMBER: PCT/US03/05346
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                                                             APPLICATION NUMBER: PCT/US03/0502
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                     APPLICATION NUMBER: US 10/698311
                                                                              FILING DATE: 2003-02-20
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Haeberli, Peter
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Pred. No.
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LENGTH: 19
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US-10-861-060-158/c
; Sequence 158, Application US/10861060
; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-158
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PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
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PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: Chawtiza Bhart.
APPLICANT: Chawtiza C
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/693,059
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APPLICANT: McSwiggen, James
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100.0%; Pred. No. 2e+02;
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RESULT 361
US-10-861-060-160/c
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Publication No. US20050137155A1
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APPLICANT: Sirna Therapeutice, Inc
APPLICANT: McSwiggen, James
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Publication No. US20050137155A1
               CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
                                                                                                           TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: 2003-10-31
                                                                                           FILE REFERENCE: 400/162 (MBHB04-372-A)
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APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2004-04-30
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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Pred. No.
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NUMBER OF SEQ ID NOS: 374
SOFWARE: PatentIn version 3.3
SEQ ID NO 160
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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                  OTHER INFORMATION: Description of Artificial Sequence: sina
                                         PEATURE:
                                                           ORGANISM: Artificial Sequence
                                                                                                              LENGTH: 19
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APPLICATION NUMBER: US 10/757,803
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Query Macch 1.21, Score 19, DB 1; Length 19;
Best Local Smilarity 100.01, Pred. No. 24-02;
Matches 19; Conservative 0; Mismatches 0; Indel8 0; Gaps 0;
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RESULT 162 ISS-10-661-661/c | Sequence 161, Application IS/10861060 | Abblication No US20050137155A1 | GENERAL INFORMATION | | APPLICANT SITUS Therapeutics, Inc.

19 TAGAGIGGICTATTICICC 1

ABULCANT, Mebidgon, James ABULCANT, Mebidgon, James ABULCANT, Medical Medical Medical Traitest of Barkinson Disease Using ABULCANT DEPORTER, BUREL feeren Medical Catalog (Blbd) TILL BETERBOOK, 100/122 (Messoc-172-A)

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PRIOR APPLICATION NUMBER: PCT/1803/05028
PRIOR EPILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR EPILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456

APPLICATION NUMBER: PCT/US03/05346 FILING DATE: 2003-02-20

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US-10-861-060-162/c
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Matches 19
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 162
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REPLICANT: Chowrita, Bharat
TITLE OF INVENTION: RNA Interfering Nucleic Acid (sina)
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/162 (MBHB04-372-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sirna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: sixA antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                                                            Local Similarity
les 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 10/444,853
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                                                                1353 TITGCTITATGTATTTTGG 1371
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Haeberli, Peter
Chowrira, Bharat
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ilarity 100.0%; Pred. No. 2e+02;
Conservative 0; Mismatches
                                                                                                                            Conservative
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                                                                                                                                               1.2%; Score 19; DB 1; Length 19
100.0%; Pred. No. 2e+02;
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                                                                                                                                 Mismatches
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                                                                                                                                                                                                                                                                                                                 Sequence 164, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                          TITIE OF INVENTION: RNA Interference Mediated Treatment of TITIE OF INVENTION: Short Interfering Nucleic Acid (sINA) FILE REFERENCE: 400/165 (MEHB04-272-A) CURRENT APPLICATION NUMBER: u8/10/861,060 CURBENT FILING DUTE: 2004-06-03
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                                              PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                              APPLICANT: Sirna Therapeutics, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence:
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
                                                                     PRIOR APPLICATION NUMBER: US 10/698,311 PRIOR FILING DATE: 2003-10-31
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Haeberli, Peter
Chowrira, Bharat
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100.0%;

0 Mismatches

0,

Parkinson Disease Using

1.2%; Score 19; DB 1; Length 19; 100.0%; Pred. No. 2e+02;

BINA

antisense region Gaps 0

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Sequence 163, Application US/10861060
Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short interfering Nucleic Acid (SINA) FILE REPERANCE; add/iz2 (MEDIA)-272-3 N...
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APPLICANT: McSwiggen, James
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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APPLICANT: Chowriza, Bharat
                                                                                                        PRIOR APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                  PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NOMER: US 10/09/311

PRIOR PRIJECTION NOMER: US 10/12.966

PRIOR APPLICATION NOMER: US 10/12.966

PRIOR APPLICATION NOMER: US 10/12.966

PRIOR APPLICATION NOMER: US 10/12.978

PRIOR PLIMO DATE: 00/40/14.6/57/801

PRIOR PLIMO DATE: 00/40/14.6/57/801

PRIOR PLIMO DATE: 00/30/12.94

PRIOR PLIMO DATE: 00/30/12.94

PRIOR PRIJACO DATE: 00/30/12.94
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SEQ ID NO 164
LENGTH: 19
          SOFTWARE: PatentIn version 3.3
SEQ ID NO 165
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Best Local Similarity
                                                              Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                                                                             PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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APPLICANT: Chortics, Banat
APPLICANT: Chortics, Banat
Title Or THEORYTICH: BOX Inteference Nediated Treatment of Parkinson Disease Using
Title Bergererg: 400725 [Design-173-A] Notate Acid (sIAA)
TITLE RETERENCE: 400725 [Design-173-A]
CHERRY APPLICATION NOMBER: 85/10/881,060
CHERRY APPLICATION NOMBER: 85/10/881,060
CHERRY FILMS DATE: 2004-06-03)
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US
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APPLICATION NUMBER: PCT/US04/13454
FILING DATE: 2004-04-30
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Conservative
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Pred. No.
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                                                                              See File Wrapper or PALM
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                          US-10-861-060-167/c
                                                    RESULT 368
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REIGH FILING DAME: 2001-04-20

REIGH FILING DAME: 2001-04-20

REIGH FILING DAME: 2001-04-20

REMAILING PILING DAME: 2001-04-20

AUMBRES CF 502.10-306-17-1

AUMBRES CF 502.10-306-17-1
Sequence 167, Application US/10861060
                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                dest Local Similarity
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                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
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1425 GCCTTTTATTAACATATAT 1443

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Conservative

1.2%; Score 19; DB 1; Length 19, 100.0%; Pred. No. 2e+02; Live 0, Mismatches 0; Indels

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antisense region

- See File Wrapper or PALM

19 GCCTTTTATTAACATATAT 1

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; OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region US-10-861-060-165
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US-10-861-060-166/c
                                                                                                                                                                                                                                                                                                      APPLICANT: Haeberli, Peter
APPLICANT: Chowrita, Bharat
APPLICANT Chowrita, Bharat
TITLE OF INFECTION: NA Interference Mediated Treatment of
TITLE OF TREATMENT OF THE TREATMENT OF THE TREATMENT OF THE TREATMENT OF THE T
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                 PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
                                                                                                                                                                                        PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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                                                                                              PRIOR FILING DATE: 2004-01-14
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es 19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                       Therapeutics,
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Pred. No.
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2e+02;
                                                                                                                                                                                                                                                                                                                             Parkinson Disease Using
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US-10-861-060-168/c
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                                      CIRESENT PAPILCYATION NUMBER: UB/10/861,060
CIRESENT PAPILCYATION NUMBER: UB/10/869,311
PRIOR PAPILCYATION NUMBER: UB 10/869,666
PRIOR PAPILCYATION NUMBER: UB 10/828,666
PRIOR PAPILCYATION NUMBER: UB 10/828,060
PRIOR PAPILCYATION NUMBER: UB 10/828,060
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Publication No. US20050137155A1
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/757,803
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                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease
TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
FILE REPERINCE: 460/162 MRHS04-372-A
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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APPLICANT: Chowrira, Bharat
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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FILING DATE: 2003-02-20
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FILING DATE: 2003-10-23
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       APPLICATION NUMBER: US 10/720,448
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Pred. No. 2e+02;
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PRICE PLANE CATTOR NUMBER: US 10/720,448

PRICE PLANE CATTOR NUMBER: US 10/720,448

PRICE PLANE CATTOR NUMBER: US 10/653,059

PRICE PLANE DATE: 2005-12-6

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PRICE PLINE DATE: 2003-02-20
PRICE PLINE DATE: 2003-02-20
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Best Local Similarity
Matches 19; Conserve
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SEQ ID NO 168
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GREENT APPLICATION NOMBER: US/10/66, 060
GREENT FILING DATE: 2004-66-IS
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                                                                                                                                                                          Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-16
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ORGANISM: Artificial Sequence
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Chowrira, Bharat
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Parkinson Disease Using

See File Wrapper or PALM

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PRIOR APPLICATION KUNBER: PCT/USO4/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM,
NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR FILING DATE: 2003-10-23
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1461 AATAATTTTTTAGTTAAAA 1479
                                                                        1.2%; Score 19;
00.0%; Pred. No.
                                                     0, Mismatches
                                                                                  26+02;
                                                                                                      DB 1;
                                                                                                      Length 19
                                                          Indels
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, OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-861-060-169

FEATURE:

APPLICANT:

McSwiggen, James

PRIOR

PRIOR

RIOR PRIOR

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US-10-861-060-171/c
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PRIOR PILING DATE: 2004-0-15
PRIOR PILING DATE: 2004-0-15
PRIOR PILING DATE: 2004-0-14
PRIOR PILING DATE: 2004-0-14
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PRIOR PILING DATE: 2004-0-12
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                                          Sequence 171, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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APPLICANT: Sirna Therapeutics, Inc
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-02-20
PRIOR PLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UNDRESS: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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hes 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                           1497 TEGTETGAATECTGTACCT 1515
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Haeberli, Peter
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100.0%; Pred. No.
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Pred. No. 2e+02;
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TITLE OF INNERTION: NAN Interference Mediated Treatment of Bat
TITLE OF INNERTION: Short Interfering Nacleic Acid (sink)
TITLE REFERENCE: 400/121 Membey-172-A
COMMENT FILLS OF LOTE: Note-Acid (sink)
PRICES PRICES TOO 101-11
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Publication No.
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION WIMMER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR PRIOR APPLICATION NUMBER: POT/US04/13456
PRIOR APPLICATION NUMBER: POT/US04/13456
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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FILING DATE: 2004-01-14
APPLICATION NUMBER: US 10/720,448
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Chowrira, Bharat
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Pred. No.
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2e+02;
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APPLICATION FILING DATE: 2003-10-23

US 10/444, 853

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US-10-698-311-253
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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NUMBER OF SEQ ID NOS: 374
SOPTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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                                                                                  ORGANISM: Artificial
                                           OTHER INFORMATION: Description of Artificial Sequence: sink sense region
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WME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                          * APPLICATION NUMBER: 60/399,348
* FILING DATE: 2002-07-29
* APPLICATION NUMBER: US 60/406,784
* FILING DATE: 2002-08-29
* FILING DATE: 2002-08-29
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McSwiggen, James
Haeberli, Peter
Chowrira, Bharat
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ilarity 100.0%; Pred. No. 2e+02
Conservative 0; Mismatches
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
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US-10-698-311-253
                                                                                    OTHER INFORMATION: n stands for thymidine
Score 19; DB 1;
Pred. No. 1.8e+02
                         Length 21,
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Local Similarity 391 TATGCCTGTGGATCCTGAC 409 13; Conservative 68.41; 6; Mismatches 0; Indels ç Gaps

1 UAUGCCUGUGGAUCCUGAC 19

US-10-698-311-254

GENERAL INFORMATION Application US/10698311 o. US20040219671A1

APPLICANT: Sirna Therapeutics, Inc. APPLICANT: McSwiggen, James McSwiggen, James Haeberli, Peter Chowrira, Bharat

TITLE OF INVENTION: NAW Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REPERENCE: 400/137 (MEH803-198-A) Parkinson Disease Using

CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06 PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29 PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2003-01-15 NUMBER OF SEQ ID NOS: 310

ORGANISM: Artificial Sequence OTHER INFORMATION: Description of Artificial Sequence: sikk sense region

OTHER INFORMATION: n stands for thymidine PEATURE: NAME/KEY: misc\_feature LOCATION: (20)..(21)

Local Similarity 424 AATGCCTTCTGAGGAAGGG 442 Conservative 78.9%; Score 19; DB 1; Pred. No. 1.8e+02; 4; Mismatches ( Length 21 Indels 0,

Gaps

-AAUGCCUUCUGAGGAAGGG 19

US-10-698-311-255 Sequence 255, Application US/1069831:

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US-10-698-311-256
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Publication No. US20040219671A1
                                                        APPLICANT: Messelgen, James
APPLICANT: Mesself, Peer
APPLICANT: Mesself, Peer
TITLE OF IMPRITION: MORE INFORMATION Disease Using
TITLE OF IMPRITION: MORE INFORMATION DISEASE USING
TITLE REPRESENCE (ADV/11) MEMBERS: 181.01
CURRENT PLITTED DATE: 2001-10-31
STICK REPLICATION MEMBERS: MEJ. 1058-311
CURRENT PLITTED DATE: 2001-10-31
STICK PLITTED DATE: 2001-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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TITLE OF PUMPATION: BOAN INCENTENTING NUCLEIC ACID (SIXA)
TITLE REFERENCE: 400/137 (98800:195-A)
CURRENT PLATION DATE: 2005:19:A)
RICERENT FLAND (ATE: 2005:19:J)
RICERENT FLAND (ATE: 2005:19:J)
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SOFTWARE: PatentIn version 3.2
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PRIOR PILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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APPLICANT: McSw
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PRIOR FILING DATE: 2002-06-06
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LOCATION: (20)..(21)
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nes 12; Conserv
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FILING DATE: 2002-09-09
       APPLICATION NUMBER: US 60/363,124
                                   FILING DATE: 2002-02-20
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63.2%; Pred. No. 1.8e+02;
ative 7; Mismatches 0
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Publication No. US20040219671A1
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APPLICANT: Stims 'Entraparties, Inc.
APPLICANT: Stims' Entraparties, Inc.
APPLICANT: State of the Stims of the 
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Best Local Similarity
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
PRIOR APPLICATION NUMBER: US 60/440,125
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-06-06
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FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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FILING DATE: 2002-07-29
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FILING DATE: 2002-09-05
                                                                                                                 FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
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APPLICATION NUMBER: US 60/393,796
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FILING DATE: 2002-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 UUCAAUCCUGUCAAUGUUU 19
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Pred. No. 1.8e+02
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Length 21 Indels

0 Gaps 0 siNA sense region

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US-10-698-311-258/C
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US-10-698-311-257
                                                                                       ; OTHER INFORMATION: n stands for thymidine US-10-698-311-258
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SEQ ID NO 257
LENGIH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 258, Application US/10698311
Publication No. US20040219671A1
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Query Match 1.21; Score 19; DB 1; Length 21; Best Local Similarity 100.01; Pred. No. 1.8e+02; Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                           SEQ ID NO 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR PLILING DATE: 2003-02-20
PRIOR PRILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-03-31
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
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LOCATION: (20)..(21)
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                                                                                                                                                                                                      OTHER INFORMATION: Description
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                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (20)..(21)
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Local Similarity 100.0%;
see 19; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/399,348
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Chowrira, Bharat
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Pred. No. 1.8e+02;
                                                                                                                                                                                                               of Artificial Sequence: sinA antisense region
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                                                                                                                                                                                                                    RESULT 381
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SEQ ID NO 259
LENGTH: 21
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                                    APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                            GENERAL INFORMATION
                                                                                                                                              Sequence 260, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                Matches
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION INDERE: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                     APPLICANT: Sirna Therapeutics, Inc
                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: sixA antisense region FBATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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Haaberli, Peter Chowrira, Bharat VENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

McSwiggen, James

Similarity

1.2%, Score 19, DB 1; Length 21; ilarity 100.0%; Pred. No. 1.8e+02; Conservative 0; Mismarah.

0

Gaps 0

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US-10-698-311-259/c
PRIOR MAPLICATION INSMESS - CTY/0503/05028
PRIOR PILHON DAMES 1003-04-2
PRIOR MAPPLICATION NUMBER: UB 60/358,580
PRIOR PILHON DAMES: 0020-02-0
PRIOR PILHON DAMES: 0020-03-0
PRIOR PILHON DAMES: 0020-03-0
PRIOR PILHON DAMES: 0020-03-0
PRIOR PILHON DAMES: 0020-03-0
PRIOR PILHON DAMES: 0020-03-0-05
PRIOR MAPPLICATION NUMBER: UB 60/366,782
PRIOR MAPPLICATION NUMBER: 0020-0-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 259, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                          APPLICANT: Chordia, Bharet
TITLE OF INVENTION: RAN Interference Mediated Treatment
TITLE OF INVENTION: Short Interfering Nucleic Acid (sit
FILE REFERENCE: ACO/17) (MERBED: 198-9).
GIRERET APPLICATION MORBER: US/10/658,311
GIRERET FILMS DATE: 2001-2011.//eps-
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Haeberli, Peter
APPLICANT: Chowriza, Bharat
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US-10-698-311-261
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; LOCATION: (20):.(21)
; COTHER INFORMATION: n stands for thymidine
US-10-698-311-260
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GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 260
LENGTH: 21
               REIOR APPLICATION NINGER: US 60/363,124
REIOR PILING DAME: 2020-30-11
REIOR APPLICATION NINGER: US 60/386,782
REIOR PILING DAME: 2020-60-60
REIOR APPLICATION NINGER: US 60/393,796
REIOR APPLICATION NINGER: US 60/393,746
REIOR APPLICATION NINGER: US 60/393,746
REIOR APPLICATION NINGER: US 60/393,746
                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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APPLOANT Measurgh, Jenes
APPLOANT Measurgh, Jenes
APPLOANT Measurgh, Jenes
APPLOANT Measurgh, Jenes
TITLS OF IMPATION: Non-Titleference Mediated Treatment of
TITLS OF IMPATION: Non-Titlefering Nucleic Acid (sixs)
JLE AMPREAMENT, ADJ 177 (Messio): 198-4
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-09-09
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PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) 
FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1337 TTCAATCCTGTCAATGTTT 1355
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100.0%; Pred. No.
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GENERAL INFORMATION: Sequence 262, Application US/10698311 Publication No. US20040219671A1

APPLICANT: Sirna Therapeutics,

McSwiggen, James Haeberli, Peter Chowrira, Bharat

TITLE OF APPLICANT: APPLICANT: APPLICANT:

INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

Matches Query Match Heat Focal

13; Conservative

6; Score 19; DB 1; Pred. No. 1.8e+02; 6; Mismatches ( DB 1;

Length 21; Indels

0, Gaps

0

391 TATGCCTGTGGATCCTGAC 409

UNUGCCUGUGGAUCCUGAC 19

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PRIOR PETLICATION MANNER: UB. 60/409.293
PRIOR PETLINA DATE: 2003-09-09
PRIOR APPLICATION MANNER: UB. 90.90
PRIOR APPLICATION MANNER: UB. 90.115
PRIOR PETLINA DATE: 2003-01.50/440,129
PRIOR PETLINA DATE: 2003-01.50/440,129
PRIOR PETRINA DATE: 2003-01.50/440,129
PRIOR PRIOR DATE: 2003-01.50/440,129
PRIOR PRIOR PRIOR DATE: 2003-01.50/440,129
PRIOR PRIO
US-10-698-311-261
                              NAME/KEY: misc_feature
LOCATION: (21)-.[21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                                       PEATURE: misc feature
LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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LOCATION: (13)..(16)
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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OTHER INFORMATION: Description of Artificial
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US-10-698-311-263
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                 sequence 263, Application US/10699311
Publication No. US20040219671A1
REGREAK IMPORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSArggen, James
APPLICANT: Heberli, Peter
APPLICANT: Heberli, Peter
APPLICANT: Heberli, Peter
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SEQ ID NO 262
LENGTH: 21
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Best Local Similarity
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PRIOR TILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-05
PRIOR FILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
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PRIOR PLILING DATE: 2002-06-06
PRIOR PLILING DATE: 2002-07-08
PRIOR PLILING DATE: 2002-07-09
PRIOR PLILING DATE: 2002-07-09
PRIOR PLILING DATE: 2002-07-29
PRIOR PLILING DATE: 2002-07-29
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
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NAME/KEY: misc_feature
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4; Mismatches 0
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OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mostry US-10-698-311-263
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PRIOR PRIJICATION NUMBER: US 60/388.580
PRIOR PRIJICATION NUMBER: US 60/38.580
PRIOR PRIJICATION NUMBER: US 60/38.124
PRIOR PRIJICATION NUMBER: US 60/38.124
PRIOR PRIJICATION NUMBER: US 60/38.782
PRIOR MEDICATION NUMBER: US 60/36.782
PRIOR MEDICATION NUMBER: US 60/36.782
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LENGTH: 21
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                                    Query Match
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                  Local Similarity
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                  63.24;
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                                                                                                                                                                                               for thymidine
                      Pred.
                                    Score 19;
red. No. 1.8e+02;
Mismatches 0;
                                         Length 21,
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SEQ ID NO 264
LENGTH: 21
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Publication No. US20040219671A1
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
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NAME/KEY: misc_feature
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PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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FILE REFERENCE: 400/137 (MSHE03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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                          OTHER INFORMATION: n stands for thymidine
                                                                                                                              OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (17)..(19)
                                                                                                                                                                                                                                  OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (15)..(15)
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PRIOR APPLICATION NUMBER: US 60/393,796
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FEATURE:
                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (11)..(12)
                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 5'-3 attached terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Haeberli, Peter
                                                                                                                                                        (19)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 deoxyabasic mosity
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LOCATION: (12)...(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature LOCATION: (12)..(12)

FEATURE

LOCATION: NAME/KEY: misc\_feature LOCATION: (16)..(16) PEATURE FEATURE: FEATURE:

OTHER INFORMATION: 2'-deoxy-2'-fluore

NAME/KEY: misc\_feature LOCATION: (8)..(10) OTHER INFORMATION: 2'-deoxy-2'-fluoro

OTHER INFORMATION: 2'-deoxy-2'-fluore NAME/KEY: misc feature LOCATION: (2)..(3)

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; OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
US-10-698-311-264
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                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.2
SEQ ID NO 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF IMPRITION: NA Interference Mediated Treatment of 
TITLE SETEMBERS. 100.710 Monemonic 184.00 Mones Acid (81AM) 
TITLE REFERENCE 100.710 Monemonic 184.00 Mones (184.00 Monemonic 184.00 M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrirs, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/393,796
OTHER INFORMATION: Description of Artificial Sequence: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2002-06-06
                                                                                                     FEATURE:
                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                                   ENGTH: 21
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o. US20040219671A1
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Pred. No.
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                                        siNA antisense region
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US-10-698-311-266/c
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                             SEQ ID NO 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Chowriza, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sixk)
FILE REFERENCE: A0()/17) (MRRD)-198-A)
FILE REFERENCE: A0()/17) (MRRD)-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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LOCATION: (20)..(21)
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LOCATION: (20)..(20)
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LOCATION: (18)..(18)
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                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                   TYPE: RNA
             OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                NAME/KEY: misc_feature
LOCATION: (16)..(16)
                                                                                   PEATURE
                                                                                                          OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                             LOCATION: (1)..(9)
                                                                                                                                                                           FEATURE
                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          391 TATGCCTGTGGATCCTGAC 409
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Pred. No.
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    FEATURE:

NAME/KEY: misc feature

LOCATION: (5)...(5)

OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                               OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                 PEATURE:
NAME/KEY: misc_feature
LOCATION: (3)...(3)
PEATURE:
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PRICE APPLICATION WINNERS: US 6/1931/96
PRICE REPLICATION WINNERS: 60/1931/48
PRICE REPLICATION WINNERS: 60/1931/48
PRICE REPLICATION WINNERS: 60/406/784
PRICE REPLICATION WINNERS: 60/406/784
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Best Local Similarity 100.0%; Pred. No. 1.8et02;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                          PRIOR FILING DATE: 2003-01-15
NUMBER OF SED ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 267
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DAYE: 2003-02-20
PRIOR APPLICATION UNMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITIE OF INVENTION: RNA Interference Mediated Treatment of TITIE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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LOCATION: (20)..(21)
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NAME/KEY: misc_feature
LOCATION: (20)..(20)
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FEATURE:
OTHER INFORMATION: Description
                                                     ORGANISM: Artificial Sequence
                                                                                     TYPE: RNA
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LOCATION: (18)..(19)
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o. US20040219671A1
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of Artificial

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US-10-698-311-268/c
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                                                                                                                                                                                                                        SEQ ID NO 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: BNA interference Mediated Treatment of Parkinson Disease Units TITLE OF INVENTION: Snort Interference Mediated Treatment of Parkinson Disease Units Company to Managaria (1971) (Member 1984) (M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 268, Application US/10698311
Publication No. US20040219671A1
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                           PRIOR PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2002-07-03
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LOCATION: (18) .. (19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (13)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
                              OTHER INFORMATION: Description of Artificial Sequence:
                                                                     FEATURE:
                                                                                                            ORGANISM: Artificial Sequence
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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FILING DATE: 2002-09-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/409,293
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100.0%; Pred. No.
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Publication No. US20040219671A1
                                                                     SEQ ID NO 269
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                                                                                                            PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Habberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-06-06
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TYPE:
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2002-09-09 2002-08-29

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OTHER INFORMATION: n stands for thymidine
                                                                                                     NAME/KEY: misc_feature
LOCATION: (20)..(21)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                  Local Similarity
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Conservative
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                  100.0%;
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              Pred. No.
                                DB 1;
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Indels
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RESULT 391
US-10-698-311-270
; Sequence 270, Application US/10698311
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                                                                                                                                                           Query Match
Best Local Similarity
Matches 13; Conserv
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OTHER INFORMATION: 2'-deoxy
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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LOCATION: (8)..(8)
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                                                                                                                            391 TATGCCTGTGGATCCTGAC 409
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                                                                                                 UAUGCCUGUGGAUCCUGAC 19
                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (12
                                                                                                                                                                                          68.44,
                                                                                                                                                                                                                                                                                                                                                  for thymidine
                                                                                                                                                                       Score 19; DB 1; I
Pred. No. 1.8e+02;
6; Mismatches 0;
                                                                                                                                                                                                              Length 21;
                                                                                                                                                                              Indels
                                                                                                                                                                              0;
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                 Publication No. US20040219671A1
                                                                                                                                   APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
TITLE OF INVENTION: UNA Interference Mediated Treatment of Parkinson Disease
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MRHB03-138-A)
CIRBERT APPLICATION NUMBER: UNA/10/58-B 3.11
                                                                                                             APPLICANT:
                                                                                                                   Chowrira,
                                                                                                             Bharac
                                                                                                                                                                                                     Inc
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Using

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11 CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: 60/399,348 PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796

SOFTWARE: PRIOR FILING DATE: 2003-01-15 NUMBER OF SEQ ID NOS: 310 PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-08-29 APPLICATION NUMBER: US 60/440,129 APPLICATION NUMBER: US 60/409,293 Patentin version 3.2

PEATURE: NAME/KEY: misc\_feature LOCATION: (1) ...(1) OTHER INFORMATION: Description of Artificial Sequence: ORGANISM: Artificial Sequence PEATURE: siNA sense region

SEQ ID NO 270

OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity

FEATURE: NAME/KEY: misc\_feature LOCATION: (1)...(2)

OTHER INFORMATION: 2'-deoxy

LOCATION: (4) NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro PEATURE: NAME/KEY: misc\_feature

FEATURE:

LOCATION:

NAME/KEY: misc\_feature LOCATION: (5)..(10) NAME/KEY: misc\_feature LOCATION: (5)..(10) OTHER INFORMATION: 2'-deoxy-2'-fluoro OTHER INFORMATION: 2'-deoxy

FEATURE

PEATURE:

OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature LOCATION: (11)..(19) OTHER INFORMATION: 2'-deoxy-2'-fluoro

OTHER INFORMATION: n stands for thymidine NAME/KEY: misc\_feature LOCATION: (20)..(21) NAME/KEY: misc\_feature PEATURE:

PEATURE

LOCATION: (21)..(21)

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US-10-698-311-273
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 271
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER, US 66/406,784
PRIOR PRIOR PRICE 2002-08-29
PRIOR APPLICATION NUMBER, US 66/408,378
PRIOR PRICE TILING DATE; 2002-09-05
PRIOR PRICE TILING DATE; 2002-09-09
PRICE APPLICATION NUMBER; US 66/409,283
PRICE APPLICATION NUMBER; US 60/440,129
PRICE APPLICATION NUMBER; US 60/440,129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 66/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-07-29
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: McSwiggen,
APPLICANT: Haeberli,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/358,580
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                                              OTHER INFORMATION: 2'-deoxy
                                                                NAME/KEY: misc_feature
LOCATION: (4)..(7)
                                                                                                                                      OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                           NAME/KEY: misc_feature
                                                                                                                                                                                                                              OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
NAME/KEY: misc_feature
                                                                                                                                                                  LOCATION:
                                                                                                                                                                                                                                                         LOCATION:
                                                                                                                                                                                                                                                                                                                                                 LOCATION: (1).
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b. US20040219671A1
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                  of Artificial
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US-10-698-311-272

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter

Sequence 272, Application US/10698311 Publication No. US20040219671A1

NOTION: Machell, Page.
APPLOWN: Chocker Mache
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796 PRIOR APPLICATION NUMBER: US 60/363,124 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

FILING DATE:

2002-08-29

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US-10-698-311-271
                                                               Matches
                                                                             Query Match
Best Local
                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (21):-(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                              NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                              PEATURE:
                                                                                                                                                                                                                                                                                                                                           LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: 2'-deoxy
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OTHER INFORMATION: 2'-dsoxy-2'-fluoro
                                                                                                                                                                                                                             OCATION:
                                                                                                                                                                                                                                                                                                OCATION: (18)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OCATION: (15) .. (15)
                          675 AGCAGGGTCTTTGTGTGCT 693
                                                                                                                                                                                                            INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                               INFORMATION: 2'-deoxy-2'-fluoro
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                                                                         Similarity 63.2%;
AGCAGGGCUUUGUGUGCU 19
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                                                               Conservative
                                                                                                                                                                                                                                . (21)
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                                                            7; Mismatches
                                                                             No. 1.8e+02;
                                                                                             DB 1; Length 21;
                                                            0
                                                        Gaps
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RESULT 394

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US-10-698-311-272
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SEQ ID NO 272
LENGTH: 21
                                                                             Matches
                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: siNA sense region FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (4)..(5)
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LOCATION: (1)..(3)
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LOCATION: (1)..(1)
                                                                                                                                                                               OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
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NAME/KEY: misc_feature
LOCATION: (16) ..(16)
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NAME/KEY: misc_feature
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LOCATION: (13)..(14)
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LOCATION: (11)..(12)
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LOCATION: (20)..(21)
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LOCATION: (17)..(19)
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THER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (10)..(10)
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
                                    1337 TTCAATCCTGTCAATGTTT 1355
UUCAAUCCUGUCAAUGUUU 19
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                                                                                 Conservative
                                                                                              1.24;
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                                                                                                                                                                                                                                                             for thymidine
                                                                             Score 19; DB 1; Length 21;
pred. No. 1.8e+02;
9; Mismatches 0; Indels
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US-10-698-311-273/c
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOPTWARE: PatentIn version 3.2
SEQ ID NO 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REPERINCE; 40(7/37) (MBHBIQ)-19-9).
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2003-01-15
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PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-03-1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (2)..(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)..(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:
LOCATION:
     NAME/KEY: misc_feature
LOCATION: (13)..(15)
                                                    FEATURE:
                                                                              OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                         NAME/KEY: misc_feature
LOCATION: (12)..(12)
                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (11)..(11)
                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (8)..(10)
                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-deox)
                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (4)..(7)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 siNA antisense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Using
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PRATURE: misc\_feature NAME/KEY: misc\_feature LOCATION: (16)..(12) OTHER INFORMATION: 2'-deoxy

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RESULT 395
US-10-698-311-274/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                       SOFTWARE: PatentIn version 3.2
SEQ ID NO 274
                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITIE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/137 (MBHE03-199-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT; Skira Therapauto, Inc.
APPLICANT; Meadegn, Ames
APPLICANT; Meaderil, Peter
APPLICANT; Chertin, Banat
APPLICANT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Publication No. US20040219671AJ
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                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/440, 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR FILING DATE: 2002-08-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/393,796 
PRIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2003-02-20
                                      ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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LOCATION: (17)..(17)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PEATURE: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19 TATGCCTGTGGATCCTGAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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100.0%; Prr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 19; DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.86+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 21;
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US-10-698-311-275/c

Sequence 275, Application US/10698311 Publication No. US20040219671A1 GENERAL INFORMATION:

TITLE OF INVENTION: RAX Interference Mediated Tractment of FITTLE OF INVENTION: Short Interfering Nucleic Acid (six) PLES REFERENCE (100)/120 MEMBRO: 1984)
THE REFERENCE (100)/120 MEMBRO: 1984)
THE SHORT APPLICATION NUMBER: PCT/MSO/1028
RECOR APPLICATION NUMBER: PCT/MSO/1028

Parkinson Disease Using

APPLICANT:

APPLICANT:

APPLICANT: Sirna Therapeutics,

The

McSwiggen, James Haeberli, Peter Chowrira, Bharat

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378

FILING DATE:

2002-09-05

APPLICATION NUMBER: US 60/393,796
RILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29

APPLICATION NUMBER: US 60/409,293 FILING DATE: 2002-09-09 APPLICATION NUMBER: US 60/440,129 PRIOR

PRIOR APPLICATION NUMBER: US 60/386,782 PRIOR FILING DATE: 2002-06-06

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US-10-698-311-274
                                                                                 Matches
                                                                                                                       Query Match
                                                                                                                                                                                   OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                   PEATURE:
                                                                                                                                                                                                                                                                    OTHER INFORMATION: phosphorothicate 3'-Internuclsotide Linkage
                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                               LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (16)..(16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (10)..(15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                         OCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION:
                                                                                                  Local Similarity
                     424 AATGCCTTCTGAGGAAGGG 442
19 AATGCCTTCTGAGGAAGGG 1
                                                                                 Conservative
                                                                                                                                                                                                                                                                                         (20)
                                                                                                                                                                                                                                                                                                                                                                               (19
                                                                                                  100.0%;
                                                                                                  1.2*; Score 19; DB 1; Length 21.
100.0*; Pred. No. 1.8e+02;
                                                                            0; Mismatches
                                                                            Indels
                                                                            Gaps
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RESULT 397
US-10-698-311-276/c
Sequence 276, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                   US-10-698-311-275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 275
                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: 2'-deoxy
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LOCATION: (4)..(4)
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LOCATION: (3)..(3)
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LOCATION: (1)..(2)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                                                                                                                                                                                                                                                                                                                                                            NAME/KBY: misc_feature
LOCATION: (20)..(20)
                                                                                                                                                                                                                                                                                                                                                                                                                                     THER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (17)..(17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DOTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EATURE
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                                                                                                                                                                                    Local Similarity
tes 19; Conserva
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100.0%; Pred. No. 1.8e+02;
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                                                    FEATURE:
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Inc.
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TITLE OF INVENTION, REA Inverference Mediated Treatment of Parkinson Disease TITLE OF INVENTION: Short Inverfering Nucleic Acid (SIMA) FILE REFERENCE: 20/131 (MEDIA): 158-158 APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James McSwiggen, James Haeberli, Peter

Osing

CURRENT PLING DATE: 2003-10-31
CURRENT FILMS DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PLING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-03-11 PRIOR APPLICATION NUMBER: US 60/386,782 PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: 60/399,348 PRIOR APPLICATION NUMBER: US 60/393,796 PRIOR FILING DATE: 2002-06-06 PRIOR APPLICATION NUMBER: US 60/406,784 PRIOR FILING DATE: 2002-07-29

PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION INVESTS: US 60/409, 293
PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION INVESTS: US 60/440, 129
PRIOR PILING DATE: 2002-01-15 APPLICATION NUMBER: US 60/408,378

SOFTWARE: PatentIn version 3.2 SEQ ID NO 276 LENGTH: 21

ORGANISM: Artificial Sequence siNA antisense

NAME/KEY: misc\_feature LOCATION: (1)...(3) OTHER INFORMATION: 2'-deoxy OTHER INFORMATION: Description of Artificial Sequence:

NAME/KEY: misc\_feature LOCATION: (4)..(4) OTHER INFORMATION: 2'-deoxy-2'-fluoro

NAME/KEY: misc\_feature LOCATION: (5)..(5) OTHER INFORMATION: 2'-deoxy

OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature LOCATION: (8)..(9) LOCATION: (6)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature

NAME/KEY: misc\_feature LOCATION: (10)..(10)

OTHER INFORMATION: 2'-deoxy NAME/KEY: misc feature LOCATION: (11)..(14) OTHER INFORMATION: 2'-deoxy-2'-fluoro

LOCATION: (17)...(19)
OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature LOCATION: (17)..(19) OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature LOCATION: (15)..(16)

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US-10-698-311-277
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PRIOR REPLICATION ENDRESS: US 60/440,129
PRIOR ETLING DATE: 2003-01-15
VIMMER OF SEO ID NOS: 310
SOPTWARE: Parentin version 3.2
LENGTH: 21
LENGTH: 21
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PRIOR FILING DATE: 2002-07-29
PRIOR PILING DATE: 2002-07-29
PRIOR PILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: UB 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-03-20
PRIOR PPLICATION NUMBER: US 60/363,124
PRIOR PPLICATION NUMBER: US 60/366,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-07-03
                                                                                                                                                   OTHER INFORMATION: 2'-deoxy-2'-fluoro
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APPLICANT: McSwiggen, James
OTHER INFORMATION: 2'-deoxy-2'-fluore
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LOCATION: (20)..(20)
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 278
LENGTH: 21
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Publication No.
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                                                                                     PRIOR FILING DATE: 2003-01-15
                                                                                                       PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2002-07-03
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LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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LOCATION: (13)..(16)
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Haeberli, Peter
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Pred. No. 1.8e+02
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APPLICANT: ALLA Therapeutics, Inc.

APPLICANT: Choosing, James

APPLICANT: AP
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NAME/KEY: misc_feature
LOCATION: (4)...(4)
OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (21)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
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OTHER INFORMATION: Description of Artificial Sequence: sina sense region
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nes 15, Conserv
FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
PILING DATE: 2002-07-29
                                                                                                       APPLICATION NUMBER: US 60/393,796
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ilarity 78.9%;
Conservative
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Pred. No. 1.8e+02;
4; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
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                                                                                                                                            US-10-698-311-279
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NAME/KEY: misc\_feature LOCATION: (4)..(7) OTHER INFORMATION: 2'-O-methy1

FEATURE:

OTHER INFORMATION: 2'-0-methyl

OTHER INFORMATION: 2'-deoxy-2'-fluore NAME/KEY: misc\_feature LOCATION: (8)..(12) FEATURE:

Query Match 1.2%; Best Local Similarity 63.2%; Matches 12; Conservative

Score 19; DB 1; Length 21; pred. No. 1.8e+02; 7; Mismatches 0; Indels

Length 21,

0

NAME/KEY: misc\_feature LOCATION: (21)..(21) CTHER INFORMATION: 3'-3 NAME/KEY: misc\_teature OTHER INFORMATION: n stands NAME/KEY: misc feature NAME/KEY: misc teature OTHER INFORMATION: 2'-0-methyl NAME/KEY: misc\_feature LOCATION: (17)..(17) FEATURE:

attached terminal deoxyabasic moeity attached terminal deoxyabasic mosity

FEATURE

LOCATION: (18)..(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro

for thymidine

FEATURE:

OTHER INFORMATION: 2'-deoxy-2'-fluoro

LOCATION NAME/KEY: misc\_feature LOCATION: (16)..(16) FEATURE OTHER INFORMATION: 2'-0-methyl NAME/KEY: misc feature PEATURE

LOCATION: (15) OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature LOCATION: (14)..(14) OTHER INFORMATION: 2'-0-methyl NAME/KEY: misc\_feature LOCATION: (13)..(13) FEATURE:

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SEQ ID NO 279
                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
                                                                                                                                                                                                  TYPE: RWA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                          OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
                                                                                              NAME/KEY: misc_feature
LOCATION: (1)..(1)
                                                                                                                                                                         OTHER INFORMATION: Description of Artificial
NAME/KEY: misc_feature
LOCATION: (1)..(2)
                                                 FEATURE:
                                                                                                                                                                         Sequence:
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NAME/KEY: misc reacure

US-10-698-311-280 PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 280 GENERAL INFORMATION Sequence 280, Appropriate Publication No. PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293 PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348 PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782 CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028 TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/137 (MBH803-198-A) PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2003-02-20 OTHER INFORMATION: Description of Artificial Sequence: FEATURE: ORGANISM: Artificial Sequence FEATURE: ENGTH: 21 APPLICATION NUMBER: US 60/440,129 FILING DATE: 2002-09-09 675 AGCAGGGTCTTTGTGTGCT 693 Chowrira, Haeberli, Peter Application US/10698311 US20040219671A1 Therapeutics, Bharat Inc siNA sense region

> US-10-698-311-280 Matches Query Match OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity LOCATION: (21). NAME/KEY: misc\_feature OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity LOCATION: (21)... NAME/KEY: misc\_feature OTHER INFORMATION: n stands for thymidine NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc teature OTHER INFORMATION: 2'-0-methyl NAME/KEY: misc\_feature PEATURE OTHER INFORMATION: 2'-deoxy-2'-fluoro LOCATION: (15)..(15) PEATURE: OTHER INFORMATION: 2'-0-methyl LOCATION: (20) LOCATION: PEATURE LOCATION: (16) Local Similarity 1337 TICANTCCIGICANIGITI 1355 1 UUCAAUCCUGUCAAUGUUU 19 10, Conservative (21) (21) (21) (19) (16) (15) 52.64; Score 19; Pred. No. Mismatches 1.8e+02; DB 1; Length 21 0 Gaps

US-10-698-311-281/c GENERAL INFORMATION: Sequence 281, Application US/10698311 Publication No. US20040219671A1

0

APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter APPLICANT: Chowrirs, Bharat

TITLE OF INTENTION RAW, Interference Modulated Transment of Bratimon Disease United Transment Office United Transment Of

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06 PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29 PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: US 60/393,796

PEATURE: NAME/KEY: misc\_feature

LOCATION: NAME/KEY: misc\_feature NAME/KEY: misc\_feature FEATURE FEATURE:

LOCATION:

NAME/KEY: misc\_feature LOCATION: (1)..(3) OTHER INFORMATION: 2'-deoxy-2'-fluoro

OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeit;

NAME/KEY: misc\_feature LOCATION: (1)..(1)

OTHER INFORMATION: 2'-0-methyl OTHER INFORMATION: 2'-deoxy-2'-fluoro OTHER INFORMATION: 2'-0-methyl

OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature LOCATION: (11)..(12) FEATURE:

FEATURE:

PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09 PRIOR FILING DATE: 2003-01-15 PRIOR APPLICATION NUMBER: US 60/440,125

NUMBER OF SEQ ID NOS: 310

GENERAL INFORMATION: Publication No. US20040219671A1

Inc.

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RESULT 403
US-10-698-311-282/c
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SEQ ID NO 281
LENGTH: 21
                                                                                                                                                                                      Opery Match 1.2%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred: No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels
Sequence 282, Application US/10698311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc feature
LOCATION: (1)..(1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (13)..(15)
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LOCATION: (12)..(12)
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LOCATION: (11)..(11)
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LOCATION: (8)..(10)
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                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-0-methyl
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LOCATION: (19)..(19)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (18)..(18)
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LOCATION: (17)..(17)
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LOCATION: (16)..(16)
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                                                                                                                                          391 TATGCCTGTGGATCCTGAC 409
                                                                                                            19 TATGCCTGTGGATCCTGAC 1
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; NAME/KEY: misc_feature
; LOCATION: (20):.(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-282
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SEQ ID NO 282
LENGTH: 21
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrita, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
Query Match 1.2%; Score 19; DB 1; LA
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0;
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                 NAME/ENY: misc feature
OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
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LOCATION: (10)..(15)
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LOCATION: (1)..(9)
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                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (18):.(19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (17)..(17)
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LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                                                              Length 21;
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US-10-698-311-283/c
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 283
LENGTH: 21
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PRIOR PLINE DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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Publication No. US20040219671A1
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                       LOCATION: (7)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (6)..(6)
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LOCATION: (4)..(4)
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LOCATION: (1)...(2)
OTHER INFORMATION: 2'-0-methyl
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PRIOR APPLICATION NUMBER: US 60/358,580
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NAME/KBY: misc_feature
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LOCATION: (3)..(3)
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Chowrira, Bharat
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PRIOS FILMS DATE 2002-09-20
PRIOS APPLICATION NUMBER 105 60/353,124
PRIOR FILMS DATE 2002-03-11
PRIOR FILMS DATE 2002-03-11
PRIOR FILMS DATE 2002-06-06
PRIOR PLIMS DATE 2002-06-06
PRIOR PLIMS DATE 2002-07-03
PRIOR FILMS DATE 2002-07-03
PRIOR FILMS DATE 2002-07-03
PRIOR FILMS DATE 2002-07-03
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SOPTWARE: PatentIn version 3.2
SEQ ID NO 284
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Publication No
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Best Local Similarity
                                          NUMBER OF SEQ ID NOS: 310
                                                                  PRIOR FILING DATE: 2003-01-15
                                                                                     PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                  PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR EILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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LOCATION: (20)..(20)
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LOCATION: (18)..(19)
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NAME/KEY: misc_feature
LOCATION: (17)...(17)
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NAME/KEY: misc_feature
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Chowrira, Bharat
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o. US20040219671A1
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100.0%; Pred. No. 1.8e+02;
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ORGANISM: Artificial Sequence

TYPE: RNA

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Publication No. US20040219671A1
GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Kebidgen, James
APPLICANT: Checkin: Mark:
APPLICANT: APPLICATION: APPLICATION:
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                                                                               PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATS: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
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LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
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LOCATION: (5)..(5)
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LOCATION: (4)..(4)
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LOCATION: (1)..(3)
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LOCATION: (17)..(19)
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LOCATION: (11)..(14)
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LOCATION: (10)..(10)
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LOCATION: (20)..(20)
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APPLICATION NUMBER: US 60/363,124
FILING DATE: 2002-03-11
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00.0%; Pred. No. 1.8e+02;
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                                                                                                                                     PATTANON INSURPRISE AND WENTERCOMERS AND SERVICE OF PARKAGOOD Seemen Using TITLE OF INSURPRISE AND SERVICE AND SERVICE OF THE SERVICE AND 
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Publication No. US20040219671A1
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Best Local Similarity
                                                                                                          PRIOR
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                 APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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68.41

6; Mismatches Score 19; DB 1; Pred. No. 1.8e+02; Length 21;

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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
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PRIZED FILING DATE: 2002-07-29
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PRICH FILING DATE: 2003-09-05
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PRICH FILING DATE: 2003-09-09
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PRIOR TILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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OTHER INFORMATION: n stands
                             NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (1)...(1)
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     for thymidine
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US-10-698-311-287
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Publication No. US20040219671A1
                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION INVERSE: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION INVERSE: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DNTE: 2003-02-20
PRIOR REPLICATION NUMBER: US 60/358,580
PRIOR PILING DNTE: 2002-02-20
PRIOR PILING DNTE: 2002-03-11
PRIOR FILING DNTE: 2002-03-11
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 286
                       PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                  PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                             PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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CURRENT FILING DATE: 2003-10-31
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/137 (MBHB03-198-A)
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                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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LOCATION: (21)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: sinA sense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
ORGANISM: Artificial Sequence
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LOCATION: (1)..(1)
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les 15; Conservative
                                                                                                                                                            APPLICATION NUMBER: US 60/408,378
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          424 AATGCCTTCTGAGGAAGGG 442
PatentIn version 3.2
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Haeberli, Peter
Chowrira, Bharat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4) Mismatches
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US-10-698-311-288
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                                                                              SOFTWARE: PatentIn version 3.2
SEQ ID NO 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 288, Application US/10698311
Publication No. US20040219671A1
                                                                                                                            PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                               PRIOR FILING NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PC/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NEPLICANT: McSwidgen, James
APPLICANT: McSeril, Peter
APPLICANT: McSeril, Peter
APPLICANT: Chowrin, Bharat
TITLE OF INVENTION: RNA Inteference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (SIN)
File REFERENCE: 100/137 (Member)-99+3).
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                          TYPE: RNA
                                                                                                                                                                                                                PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                                                                                 RRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-02-20
ORGANISM: Artificial Sequence
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63.2%; Pred. No. 1.8e+02;
ative 7; Mismatches 0
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PEATURE: NAME/KEY: misc\_feature PEATURE:

OTHER INFORMATION: Description of Artificial Sequence: sinA sense region

10698311-311.sol.rnph

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US-10-698-311-289/c
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Publication No. US20040219671A1
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Best Local Similarity 52.6%;
                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: NNA Interference Mediated Treatment of Parkinson Disease Using TUTLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILB REFERENCE: 400/137 (MBHB03-198-A)
                   NAME/KEY: misc_feature
LOCATION: (20)..(21)
OTHER INFORMION: n stands for thymidine
10-698-311-289
                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
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LOCATION: (20)..(21)
OTHER INFORMATION: n stands
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LOCATION: (21)..(21)
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                                                                                                                                              OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                                                                                                                                                                                                                      OTHER INFORMATION: Description
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                                                                                                                                                                 LOCATION: (20)..(20)
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                                                                                                                                                                                                                                                                                                                                        LENGTH: 21
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Haeberli, Peter
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Pred. No. 1.8e+02;
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RESULT 412
US-10-698-311-291/c
, Sequence 291, Application US/10698311
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SEQ ID NO 290
                                                                                                                                                                                                                       Matches
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FEATURE: misc feature NAME/KEY: misc feature "COATION: (20)...(21) PEATURE: NAME/KEY: misc\_feature NAME/KEY: misc\_feature NAME/KEY: misc\_feature NAME/KEY: misc\_feature NAME/KEY: misc\_feature NAME/KEY: misc\_feature NAME/KEY: misc\_feature

OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

ORGANISM: Artificial Sequence

FEATURE: ENGIH:

OTHER INFORMATION: n stands for thymidine

Local Similarity

1.2%; Score 19; DB 1; Le 100.0%; Pred. No. 1.8e+02; 0

Length 21;

Mismatches

0

Gape 0

19;

Conservative

19

AATGCCTTCTGAGGAAGGG 1

424 AATGCCTTCTGAGGAAGGG 442

NUMBER OF SEQ ID NOS: 310 PRIOR FILING DATE:

PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR APPLICATION NUMBER: US 60/409,293 PRIOR FILING DATE: 2002-09-05 PRIOR FILING DATE: 2002-08-29 PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784

2003-01-15

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US-10-698-311-290/c
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Publication No. US20040219671A1
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                                                                                                                                                      CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR RILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/363,124
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: Chortia, Bharat
TYTLE OF INVENTION: RAA Interference Mediated Treatment of Parkinson Disease Using
TYTLE OF INVENTION: Short Interfering Nucleic Acid (slNA)
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: U8 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: U8 60/393,796
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sirna Therapeutics, Inc.
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tive 0; Mismatc
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US-10-698-311-292/c
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Publication No. US20040219671A1
GENERAL INFORMATION:
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APPLICANT Modelogen, James
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GENERAL INFORMATION
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/193,796
PRIOR PILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: US 60/358,580
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
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LOCATION: (20)..(21)
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Chowrira, Bharat
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ilarity 100.0%; Pred. No. 1.8e+02
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Publication No. US20050137155A1
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                    PRIOR FILING DATE: 2003-11-24
PRIOR PELL'ALTION NUMBER: US 10/693,059
PRIOR PILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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Parkinson Disease Using

FILING DATE: 2003-05-23 APPLICATION NUMBER: PCT/US03/05346

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US-10-698-311-292
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Matches 19; Conservative
                                          Query Match
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SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/386,782
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NAME/KEY: misc_feature
LOCATION: (20)..(20)
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                                                                                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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RESULT 415
US-10-861-060-254
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LENGTH: 21
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                                        SEQ ID NO 254
LENGTH: 21
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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APPLICANT: McSwiggen, James
APPLICANT: Chowrisa, Bharat
APPLICANT: Chowrisa, Bharat
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LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
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                                                                                 SOPTWARE: PatentIn version 3.3
                                                                                                        Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
                                                                                                                                                      PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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ORGANISM: Artificial
ORGANISM: Artificial Sequence
                           TYPE: RUA
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                                                                                                                                                                                                                                                 FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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FILING DATE: 2003-05-23
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1 Similarity 68.4%;
13; Conservative
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Pred. No. 1.8e+02
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SEQ ID NO 255
LENGTH: 21
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Publication No. US20
GENERAL INFORMATION
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Best Local Similarity 63.2%;
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PLLING DATE: 2004-04-16
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APPLICANT: McSwiggen, James
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PRIOR REPLICATION UNMEER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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LOCATION: (20)..(21)
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LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
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hes 15; Conservative
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Haeberli, Peter
Chowrira, Bharat
             AGCAGGGUCUUUGUGUGCU 19
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o. US20050137155A1
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                                                                                               Score 19; DB 1;
Pred. No. 1.8e+02;
7; Mismatches 0
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Pred. No. 1.8e+02;
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See File Wrapper or PALM

Length 21; Indels

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OTHER INFORMATION: Description of Artificial Sequence:
                siNA sense region
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) OTHER INPORMATION: n stands for thymidine US-10-861-060-256
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Publication No. US20050137155A1
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Best Local
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LENGTH: 21
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                 CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                              APPLICANT: Sirma Thompseties, Inc.
APPLICANT: Mesdagna, Ames
APPLICANT: Messagna, Ames
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PRIOR FILHMS DATE: 2003-02-20
PRIOR APPLICATION WIMBER: US 10/698311
PRIOR APPLICATION WIMBER: PCT/US04/13456
PRIOR APPLICATION WIMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCTUUS03/05346
PRIOR FILING DATE: 2003-02-20
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: US 10/826,966
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LOCATION: (20)..(21)
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Pred. No. 1.8e+02;
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Publication No. US20050137155A1
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                                                                                                                                 PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
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19 TATGCCTGTGGATCCTGAC 1

Chowrira, Bharat McSwiggen, James Haeberli, Peter

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US-10-861-060-257
                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                            SEQ ID NO 257
Matches 19;
                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF EGO ID NOS; 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/693,059
                                                                                                                 OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2004-04-16
                                                                                                                                             LOCATION:
                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                        FEATURE:
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FILING DATE: 2004-01-14
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    Conservative
                       100.0%;
                       1.2%; Score 19;
100.0%; Pred. No.
o;
Mismatches
                                          DB 1; Length 21
                       1.86+02
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Gaps
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US-10-861-060-259/c
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                                                                                        Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
SEQ ID NO 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/861.060
CURRENT PILING DATE: 2004.06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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PRIOR FILING DATE: 2003-10-31
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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NAME/KEY: misc_feature
LOCATION: (20)..(21)
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                   ORGANISM: Artificial Sequence
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FEATURE:
                                                               ENGTH: 21
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                                                                                                                 Query Match 1.2%; Score 19; DB 1;
Best Local Similarity 100.0%; Pred. No. 1.8e+C
Matches 19; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
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OTHER INFORMATION: Description of Artificial Sequence:

siNA antisense region

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of Artificial Sequence:

gina antigense region

1.8e+02; Length 21, Indels

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US-10-861-060-260/c
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Publication No. US20050137155A1
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PRICOR PRICOR APPLICATION NUMBER: US 10/826,966
PRICOR APPLICATION NUMBER: US 10/826,966
PRICOR APPLICATION NUMBER: US 10/757,803
PRICOR APPLICATION NUMBER: US 10/757,803
PRICOR APPLICATION NUMBER: US 10/750,448
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (#iNA) FILE REFERENCE. 400/162 (WBH804-372-A) CURRENT APPLICATION NUMBER: US/10/861,060
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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                                                                                      PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: US 10/698311
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LOCATION: (20)..(21)
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US-10-861-060-261
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LENGTH: 21
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
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TYTLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/162 (MBHB04-372-A)
    NAME/KEY:
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/720,448
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                                                               OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                           FEATURE:
                                                                                                                                                OTHER INFORMATION: 2'-deoxy-2'-fluore
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LOCATION: (13)..(16)
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LOCATION: (9)..(9)
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LOCATION: (5)..(7)
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LOCATION: (3)..(3)
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misc_feature
(20)..(21)
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                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 262
LENGTH: 21
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NAME/KEY:
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                                                                                                          FEATURE
                                                                                                                                                             NAME/KEY: misc_feature
                                                                                                                                                                                           FEATURE
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                                                               LOCATION:
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Sequence 262, Application US/10
Publication No. US20050137155A1
                                                                                                                                                                                                Matches 13; Conservative
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                                                                                                                                                                                                                                                                                          LOCATION: (21)..(21)
                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                  391 TATGCCTGTGGATCCTGAC 409
                                                                                                                                 1 UAUGCCUGUGGAUCCUGAC 19
                                           Application US/10861060
Therapeutics,
                                                                                                                                                                                                              1.21;
                                                                                                                                                                                                6; Mismatches
Inc
                                                                                                                                                                                                              Score 19, DB 1;
Pred. No. 1.8e+02;
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                                                                                                                                                                                                Indels
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FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03 TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) Haeberli, Peter Chowrira, Bharat

PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 10/693,059 PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION UNDERR. UE 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: PCT/US04/13456

Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3 PRIOR FILING DATE: 2004-04-30

TYPE: RNA ORGANISM: Artificial Sequence

OTHER INFORMATION: 5'-3 NAME/KEY: misc\_feature LOCATION: (1)..(1) OTHER INFORMATION: Description of Artificial Sequence: sink sense region attached terminal deoxyabasic moeit;

OTHER INFORMATION: 2'-deoxy-2'-fluore NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluore

NAME/KEY: misc\_feature

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US-10-861-060-263
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US-10-861-060-262
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR PILING DATE: 2004-01-14
PRIOR FILING DATE: 2003-11-24
PRIOR FILING DATE: 2003-11-24
PRIOR FILING DATE: 2003-10-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
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TYTHE OF INVENTION: RAN Interference Mediated Treatment of Farkinson Disease Using
TYTLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT FILING DATE: 2004-06-03
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LOCATION: (21)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION:
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                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: sinA sense region
                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                               TYPE: RNA
OTHER INFORMATION: 2'-deoxy-2'-fluoro
                      LOCATION: (8)..
                               NAME/KEY: misc_feature
                                                                                     OTHER INPORMATION: 2'-deoxy-2'-fluore
                                                                                                       LOCATION: (3).
                                                                                                                     NAME/KEY: misc_feature
                                                                                                                                                                           OTHER INPORMATION: 5'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                 OCATION: (1)
                                                                                                                                                                                                          NAME/KEY: misc_feature
                                                                                                                                                                                                                                          FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PILING DATE: 2003-02-20
RAPPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
RAPPLICATION NUMBER: US 10/698311
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llarity 78.9%;
Conservative
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Pred. No. 1.8e+02
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Publication No.
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                                                                                          SEQ ID NO 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Mcswiggen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sirna Therapeutics,
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                                                                        ENGTH:
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OTHER INFORMATION: 2'-deoxy-2'-fluore
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                                                                                                                 OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                    OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                              NAME/KEY: misc reature
                                                                                                                                                                                                                                            OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc feature
                                 Local Similarity
hes 12; Conserv
675 AGCAGGGTCTTTGTGTGCT 693
                                    Conservative
                                                                                                                                                                                                                                                                                                                                   . (16)
                                                                                                                                                                                                 . (21)
                                              1.2%, 63.2%,
                                                  Score 19;
Pred. No.
                                    7; Mismatches
                                                     1.8e+02
                                                                      DB 1;
                                        0; Indels
                                                                  Length 21
                                        0
                                    Gaps
                                        0;
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1 AGCAGGGUCUUUGUGUGCU 19

APPLICANT: Chowrira, Bharat Haeberli, Peter Parkinson Disease Using

TITLE OF INSPITCES: 19th Interference Mediated Treatment or ITITLE OF INSPITCES: 19th Interference Mediated Treatment or ITITLE OF INVESTIGAT. 19th INTERFERENCE: 19t

PRICE NUMLICATION NUMBER: US 10/75/803
PRICE PRICE CONTROL NUMBER: US 10/75/803
PRICE PRICE CONTROL NUMBER: US 10/75/803
PRICE PRICE CONTROL NUMBER: US 10/63/803
PRICE PRICE PRICE CONTROL NUMBER: US 10/63/803

PRIOR APPLICATION NIMBER: PCT/US03/05028
PRIOR PILIMO HOME: 2003-02-20
PRIOR APPLICATION NIMBER: US 10/698311
PRIOR APPLICATION NIMBER: US 10/698311
PRIOR PILIMO HOMES: PCT/US04/13456
PRIOR APPLICATION NIMBER: PCT/US04/13456 Remaining Prior Application data NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2004-04-30 removed See File Wrapper or PALM

Patentin version 3.3

TYPE: RNA ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

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US-10-861-060-265/c
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US-10-861-060-264
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Publication No. US20050137155A1
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                                                                                                                                                                                                          PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT PILING DATE: 2004-06-03
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APPILOMI, Hadberti, Deter
TITHE OF INVESTIGN. BENCH INTERFERENCE Mediated Transment of Barkinson Disease Using
TITHE OF INVESTIGN. BENCH INTERFERENCE; DOLLER 1972-A).
TITHE REFERENCE; DOLLER (1988), 1972-A).
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                                                                                                                           PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 10/698,311
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2004-01-14
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (15)..(15)
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LOCATION: (11)..(12)
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LOCATION: (6)..(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
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wes 10, Conserv
                                           APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 10/720,448
        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1337 TTCAATCCTGTCAATGTTT 1355
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2003-02-20
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                                                                                                                           PCT/US03/05346
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Publication No. US20050137155A1
                                                                                                                                                                                                 TITLE OF INVENTION, BAN Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION, BOACT Interfering Models Acid (s1An)
COMMENT SERVICE AND AND ASSESSED OF A SERVICE AND ASSESSED O
                 PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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APPLICANT: McSwiggen, James
APPLICANT: Habberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 10/826,966

Inc

APPLICATION NUMBER: US 10/720,448

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US-10-861-060-266/c
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR PILING DATE: 2004-04-30
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                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (20)..(20)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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00.0%; Pred. No. 1.8e+02
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Publication No. US20050137155A1
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                                                                                                 CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/658,311
                                                                                                                                                                TITLE OF INVENTION: NAM Interference mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REPERENCE: 400/162 (MBHB04-372-A)
                                                                                                                                                                                                                                                    APPLICANT: Sirna Therapeutics, Inc
APPLICANT: McSwiggen, James
APPLICANT: Habberli, Peter
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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TYPE: RNA
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LOCATION: (20)..(21)
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LOCATION: (20)..(20)
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             APPLICATION NUMBER: US 10/757,803
                                                         APPLICATION NUMBER: US 10/826,966
                                                                                R FILING DATE: 2003-10-31
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APPLICATION NUMBER: US 10/698311
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FILING DATE:
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2004-01-14
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100.0%; Pred. No. 1.8e+02
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LOCATION: (18) .. (19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 267
LENGTH: 21
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                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR REPLIANCION IMMERS: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-05-2
                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
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siNA antisense region
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OTHER INFORMATION: Description of Artificial Sequence: NAME/KEY: misc\_teature

COTHER INFORMATION: 2'-deoxy-2'-fluore NAME/KEY: misc\_feature

NAME/KEY: misc\_feature COCATION: (5). (5) OTHER INFORMATION: 2'-deoxy-2'-fluoro LOCATION: (7)

NAME/KEY: misc\_feature LOCATION: (13)..(16) OTHER INFORMATION: 2'-deoxy-2'-fluoro OTHER INFORMATION: 2'-deoxy-2'-fluoro

LOCATION: (20)..(20)

; OTHER INFORMATION: n stands for thymidine US-10-861-060-267 OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage FEATURE: LOCATION: (20) . (21) NAME/KEY: misc teature

DB 1,

Length 21,

0,

Gaps 0

Query Match Best Local Similarity Matches 19; Conserv 675 AGCAGGGTCTTTGTGTGCT 693 19 AGCAGGGTCTTTGTGTGCT 1 Conservative 1.2%; Score 19; DB 100.0%; Pred. No. 1. Live 0; Mismatches .8e+02

RESULT 429 US-10-861-060-268/c Sequence 268. Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.

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RESULT 430
US-10-861-060-269
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Sequence 269, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
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LENGTH: 21
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PRIOR ETLING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 374
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                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (20)..(21)
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Local Similarity 100.0%; Pred. No. 1.8e+02;
                                                                                                                                                                 1337 TTCAATCCTGTCAATGTTT 1355
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SEQ ID NO 269

LENGTH:

OTHER INFORMATION: 2'-deoxy-2'-fluore NAME/KEY: misc\_feature LOCATION: (1)..(1) OTHER INFORMATION: 5'-3 NAME/KEY: misc\_feature Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF EEG ID NOS: 3740 SOFTWARE: Jatentin version 3.3

OTHER INFORMATION: Description of Artificial Sequence: siNA sense region

ORGANISM: Artificial Sequence FEATURE:

LOCATION: (1

attached terminal

deoxyabasic mosity

APPLICANT: Sirna Therapeutics, Inc.

OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc teature OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature LOCATION: (4)..(4) OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature FEATURE: OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature LOCATION: (2)..(2) PEATURE

OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature FEATURE: FEATURE FEATURE LOCATION FEATURE FEATURE: LOCATION:

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TIME OF INTERPION BLOCK Extends Mediated Treatment of Financial State Middle Acad (sind) Green Research (sind State Mediate Acad (sind) Acades Mediate Acad (sind State Acad (sind State Mediate Aca
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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APPLICATION NUMBER: US 10/444,853
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Chowrira, Bharat
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US-10-861-060-270
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Publication No. US20050137155A1
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                                                                                       SEQ ID NO 270
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PRIOR FILING DATE: 2004-01-14
PRIOR PPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
                                                                                                             SOFTWARE: Patentin version 3.3
                                                                                                                                Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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             TYPE: RNA
ORGANISM: Artificial Sequence
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (17)..(18)
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LOCATION: (13)..(16)
                                                                    LENGTH: 21
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hes 13; Conservative
                                                                                                                                                                                                                                                                FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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Pred. No. 1.8e+02;
                                                                                                                                                       See File Wrapper or PALM
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                                                                             TITLE OF INVENTION: NAN. Interference Mediated Treatment of Par

TITLE OF INVENTION: Short Interfering Nacista Acid (six)

CHESSET SENSICE, YOU NEED HOMSEN-175, 100

CHESSET FILING DATE: 2004-05-10

PRIOR APPLICATION NOMERS: 1016-05-10

PRIOR APPLICATION NOMERS: 1016-05-10

PRIOR PRIVATE ACIDS: 1016-05-10

PRIOR PRIVATE ACIDS: 1016-05-10

PRIOR METINATO NAMERS: 103-10757, 803

PRIOR PRIVATE NAMERS: 103-10757, 803

PRIOR PRIVATE NAMERS: 103-10750-44-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 271, Application US/10861060 Publication No. US20050137155A1
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                  PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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APPLICANT: McSwiggen, James
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LOCATION: (20)..(21)
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LOCATION: (11)..(19)
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LOCATION: (5)..(10)
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LOCATION: (3)..(3)
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hes 15; Conservative
APPLICATION NUMBER:
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US 10/444,853
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4; Mismatches

0;

Gaps 0

Parkinson Disease Using

.86+02 0, Indels

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NAME/KBY: misc_feature
LOCATION: (21): (21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
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OTHER INFORMATION: n stands for thymidine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: 2'-deoxy-2'-fluore
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
Score 19,
Pred. No. 1
                      DB 1; Length 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 siNA sense region
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US-10-861-060-271
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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                   NAME/KEY: misc feature
LOCATION: (21)... (21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (15)..(15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (14)..(14)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (13)..(13)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature
LOCATION: (8)..(12)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (4)..(7)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21
                                                                                           FEATURE:
                                                                                                                   OTHER INFORMATION: n stands for thymidine
                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                              OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (17)..(17)
                                                                                                                                                                                                                                                                                                                                                                                 PEATURE
                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (16)..(16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE
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US-10-861-060-272
                                                                                        Sequence 272, A
Publication No
                                                                       GENERAL INFORMATION:
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Matches 12; Conservative
                           APPLICANT:
                                            APPLICANT:
                                                         APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                             675 AGCAGGGTCTTTGTGTGCT 693
                                                                                                                                                                                              AGCAGGGUCUUUGUGUGCU 19
          McSwiggen, James
Haeberli, Peter
Chowrira, Bharat
                                                                                        Application US/10861060
o. US20050137155A1
                                                                                                                                                                                                                                                                             63.2%;
                                                                                                                                                                                                                                                               7, Mismatches
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Parkingon Disease Using
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1.1 861-000
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MAPPLICANT: Statu Theorymatics. Inc.
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APPLICANT: APPLICANT: Make Theorymatics. Inc.
APPLICANT: APPLICAN

PRIOR ELIMB DATE: 2003-02-20
REICH AFFLICATION WOMERS: ECT/MSD/165028
REICH AFFLICATION WOMERS: ECT/MSD/13456
REICH REICHTON WIMMERS: ECT/MSD/13456
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REICHTON WIMMERS: ECT/MSD/13456
REICHTON REICHTON WIMME

APPLICATION NUMBER: PCT/US03/05346

TYPE: INA.
TYPE: INA.
DECEMBER: Artificial Sequence
DECEMBER: Artificial Sequence
DECEMBER: Artificial Sequence: siMa sense region
FEBALUES:
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NANK/KEY: misc\_feature
NANK/KEY: misc\_feature
NANK/KEY: misc\_feature

LOCATION: (1). (3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
FEATURE:
NAME/KEY: misc\_feature

LOCATION:

OTHER INFORMATION: 2'-deoxy
FEATURE:
NAME/KEY: misc\_feature
LOCATION: (6).-(9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:

NAME/KEY: misc\_feature
LOCATION: (10) T. (10)
OTHER INFORMATION: 2'-deoxy
FEATURE:

NAME/KEY: misc\_feature

1.2%; Score 19; DB 1; Length 21;

Query Match

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RESULT 434
US-10-861-060-273/c
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APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 273, Application US/10861060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Nachoril. Peter.
TRELICANE HAMPITON: Was Interference Mediated Treatment of Parkinson Disease Using
TRELICANE HAMPITON: Short Interfering Nucleic Acid (slaw)
TILE REFERENCE: ACID (AZ (MENIO): 272-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY, misc feature
LOCATION: (21). (21)
OTHER INFORMATION: 3'-3 attached terminal decxyabasic mosity
-10-861-060-272
                                                                                                                                      PRIOR FILING DATE: 2003-05-23
PRIOR RPILICATION UNDERS: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UNDERS: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                   PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2003-10-31
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LOCATION: (20)..(21)
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LOCATION: (15)..(15)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (13)..(14)
OTHER INFORMATION: 2'-deoxy
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
                                           PRIOR FILING DATE: 2004-04-30
                                                                                                                  PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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LOCATION: (17)..(19)
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LOCATION: (16)...(16)
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Local Similarity 52.6%;
hes 10; Conservative
                                                                                                                                                                                                                                                         FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 10/720,448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         McSwiggen, James
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Pred. No. 1.8e+02
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    RESULT 435
US-10-861-660-274/c
; Sequence 274, Application US/10861060
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Best Local Similarity
Matches 19, Conserv
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391 TATGCCTGTGGATCCTGAC 409 19 TATGCCTGTGGATCCTGAC

Conservative

1.2%; Score 19; DB 1; 100.0%; Pred. No. 1.8e+C tive 0; Mismatches

1.8e+02 Length 21,

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Gaps

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US-10-861-060-273
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SEQ ID NO 273
LENGTH: 21
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LOCATION: (1)...(1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                  FBATURE:
NAME/KEY: misc feature
LOCATION: (20)..(21)
                                                                                                                                                                                      FEATURE: misc feature
LOCATION: (19)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (11)..(11)
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               OTHER INFORMATION: n stands for thymidine
                                                                                             OTHER INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
                                                                                                            NAME/KEY: misc feature
LOCATION: (20)..(20)
                                                                                                                                                                   OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (17)..(17)
                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (16)..(18)
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LOCATION: (16)..(12)
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LOCATION: (12)..(12)
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Publication No. US20050137155A:

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OTHER INFORMATION: n stands for thymidine US-10-861-060-274
                                                                                 Query Match
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        Matches 19; Conservative
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REIOR APPLICATION NUMBER: PECT/USG3/05028
REIOR FLING DATE: 2003-02-20
REIOR APPLICATION NUMBER: US 10/598311
REIOR FLING DATE: 2003-10-31
REIOR APPLICATION NUMBER: PCT/USG4/13456
REIOR APPLICATION NUMBER: PCT/USG4/13456
REIOR FLING DATE: 2004-04-30
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PRIOR PILING DATE: 2003-10-31

PRIOR APPLICATION NINGER: US 10/826,966

PRIOR FILING DATE: 2004-04-16

PRIOR FILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16

PRIOR PILING DATE: 2004-04-16
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NAME/KEY: misc_feature
IOCATION: (17)...(17)
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR PILING DATE: PCT/US03/05344
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (20)..(20)
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LOCATION: (18)..(19)
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LOCATION: (16)..(16)
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LOCATION: (10)..(15)
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                                                Local Similarity 100.0%,
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                                        1.2%; Score 19; DB 1; Length 21; .00.0%; Pred. No. 1.8e+02;
        0; Mismatches
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        Gaps
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LENGTH: 21
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NUMBER OF ESO ID NOS: 374
SOPTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                          OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                           LOCATION: (6)
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NAME/KEY: misc_feature
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                                                OCATION:
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US-10-861-060-275/c
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                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 2004-06-03
                                                                                                                              PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR REPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                APPLICANT: Chowrize, Bharet
TITLE OF INVENTION: RNA Interference Mediated Treitment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sixa)
FILS REFERENCE: 60/162 (Memspd-172-A)
PRIOR APPLICATION NUMBER: US 10/444,853
                          PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                              PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2003-10-31
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Haeberli, Peter
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; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
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US-10-861-060-275
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US-10-861-060-276/c
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Best Local S
Matches 15
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Publication No. US20050137155A1
        PRIOR APPLICATION INDEER, PCT/USO4/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed -
NUMBER OF 880 1D MOS: 374
SOPTMARE: Batentin version 3.3
SEQ ID NO 276
                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2003-02-20
PRIOR REPLICATION NUMBER: PCT/US03/05028
PRIOR RILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR PILLY NUMBER: US 10/720,448
PRIOR FILLY DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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LOCATION: (13)..(16)
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LOCATION: (18)..(19)
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LOCATION: (8)..(12)
OTHER INFORMATION: 2'-deoxy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US03/05346
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Haeberli, Peter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 438
                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                           Sequence 277, Application US/10861060 Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
APPLICATE: Chowitts, Bharet
APPLICATE: Chowitts, Bharet Carence Mediated Treatment of Parkinson Disease Using
TITUE DO INVESTIGATOR OF CONTROL OF THE STREAM OF THE STREAM
                                                                                                                                                                                                           APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.2%, Score 19; DB 1; Length 21;
Best Local Similarity 100.0%, Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels
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OTHER INFORMATION: n stands for thymidine

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PEATURE: misc feature LOCATION: (20)..(21)

NAME/KEY: misc\_feature LOCATION: (20)..(20)

OTHER INFORMATION: 2'-deox;

OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage

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LENGTH: 21
TYPE: RNA
NAME/KEY: misc_feature
LOCATION: (17)..(19)
                                                         OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                              NAME/KEY: misc_feature
LOCATION: (15)..(16)
                                                                                                                                        OTHER INFORMATION: 2'-deoxy
                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (11)..(14)
                                                                                                                                                                                                      FEATURE
                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (10)..(10)
                                                                                                                                                                                                                                                                                     PEATURE
                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (8)..(9)
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NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: 2'-deoxy
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LOCATION: (5)..(5)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (1)..(3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: sink antisense region FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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Query Match
Best Local Similarity
Matches 13; Conserva
                                                                                                                                       US-10-861-060-277
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SEQ ID NO 277
LENGTH: 21
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PRIOR FILING DATE: 2006-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR APPLICATION NUMBER: US 10/693,059
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
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PRIOR FILLING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILLING DATE: 2004-04-16
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                                                                                                                                                                NAME/KEY, misc_feature
LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (9)..(9)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (1)..(1)
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LOCATION: (1)..(1)
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                                                                                                                                                                                                                                                                 OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (13)..(16)
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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391 TATGCCTGTGGATCCTGAC 409
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                                           Conservative
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                                                                   1.24;
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                                           6; Mismatches
                                                                   Score 19; DB 1; Length 21;
Pred. No. 1.8e+02;
                                                     0; Indels
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SEQ ID NO 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR RILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                             LOCATION: (11)..(19)
                                                                                                                                                                                                                                                  OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (3)..(3)
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LOCATION: (1)..(2)
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LOCATION: (1)..(1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 21
    NAME/KEY: misc_feature
                                 FEATURE:
                                                     LOCATION: (11)..(19)
OTHER INFORMATION: 2'-O-methyl
                                                                                                                              FEATURE
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                                                                                                                                                                                        NAME/KEY: misc_feature
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Chowriza, Bharat
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NAME/KEV: misc_feature
; LOCATION: (21):. (21)
; OTHER INFORMATION: 3'-3 attached terminal decxyabasic mocity
US-10-681-060-278
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SOUTHWAR: Parentin version 3.3
SSO ID NO 279
LENGTH: 21
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Publication No. US20050137155A1
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Best Local
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION INMERSE: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                      LOCATION: (1) - (1)
OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
                                         NAME/KEY: misc_feature
LOCATION: (4)..(7)
OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                  LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PEATURE:
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FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                424 AATGCCTTCTGAGGAAGGG 442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 AAUGCCUUCUGAGGAAGGG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         McSwiggen, James
Haeberli, Peter
Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 19;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 280, Application US/10861060 
Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                          TITLE OF INVESTIGES BAN Interference Mediated Treatment of Partition Disease Uning Title Operations of Partition Disease Uning Title Extensions; sold to Section 1997, and Notice Acid (850).
TITLE REPRESENCE: 1007, 200 Engeling 1997, and Notice Acid (850).
GURBERT FILING DISE: 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-03 2004-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-06-05-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrirs, Bharat
                                                                           PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
APPLICATION NUMBER: US 10/693,059
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12;

Conservative

7; Mismatches

0; Indels

0 Gaps 0

1 AGCAGGGUCUUUGUGUGCU 19

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US-10-861-060-279
Query Match 1.2%;
Best Local Similarity 63.2%;
                                                                                     OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                              NAME/KEY: misc_feature
LOCATION: (21)...(21)
                                                                                                                                                                                                                                                                                                                                                   PEATURE: misc feature
LOCATION: (18)...(19)
                                                                                                                                                                   OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                 NAME/KEY: misc_feature
                                                                                                                                                                                                                                                         OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (17)..(17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (15)..(15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (14)..(14)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                                                                                                                                                                                        LOCATION: (21)
                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-deoxy-2'-fluore
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             KRATUKE.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (13)
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                                                                                                                                                                                        (21
Score 19; DB 1; Length 21.
Pred. No. 1.8e+02;
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, CTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
US-10-861-060-280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - See File Wrapper or PALM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: Artificial Sequence
PEATURE:
PEATURE:
                                        NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                              NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (16)..(16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (15)..(15)
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LOCATION: (13)..(14)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (11)..(12)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (10)..(10)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (4)..(5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluore
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeit;
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LOCATION: (1)..(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 21
                                                                                                       OTHER INFORMATION: 3'-3
                                                                                                                                                                                             OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                     NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (17)..(19)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (6)
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US03/05346
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                                                                                                                                                                                                                        (21)
                                                                                                            attached terminal deoxyabasic moeity
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LOCATION: (11) LOCATION: NAME/KEY: misc\_feature OTHER INFORMATION: 2'-0-methyl

OTHER INFORMATION: 2'-O-methyl NAME/KEY: misc\_feature FEATURE:

OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE: NAME/KEY: misc feature

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US-10-861-060-281/c
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800779481 Resentin version 3.3
800779481 PALESTER OF SEE OF SE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 281, Application US/10861060
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Best Local
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APPLICANT: McSwiggen, James
APPLICANT: Chorries, Bharet
TITLE OF INVENTION: RAN Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: AD0/162 (Mediate)-772-N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 10/698311
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR PILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR PILLIG DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILLIG DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
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                                                     OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                NAME/KEY: misc feature
LOCATION: (2). (3)
                                                                                                                                                                                                            PEATURE:
                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-0-methy.
                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE: OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                       LOCATION: (1).
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10; Conservative
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Pred. No. 1.8e+02;
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US-10-861-060-282/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 282, Application US/10861060
                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
Fils REPERSICE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPILONT: Hasherii, Peter
APPILONT: Chowlte, Bhart.
17138 OF NYMENTON: RNA Interference Mediated Treatment of Parkinson Disease Uning
                                                                                                                                   PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR PILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: n stands for thymidine
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LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (19)..(19)
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LOCATION: (18)..(18)
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LOCATION: (17)..(17)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (16)..(16)
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LOCATION: (13)..(15)
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LOCATION: (12)..(12)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                          APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
                                                                                    APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
                  APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              391 TATGCCTGTGGATCCTGAC 409
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NUMBER: PCT/US03/05028
: 2003-02-20
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100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 444
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                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 283, Application US/10861060 Publication No. US20050137155A1
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                                                                                                                                                                                                         TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/162 (MBHB04-372-A)
                                                                                                                                                                                                                                                                                                  APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
                       PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                           CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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    APPLICATION
                                                                                         APPLICATION NUMBER: US 10/826,966
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19;

Conservative

100.01;

1.2%; Score 19; DB 1; L 100.0%; Pred. No. 1.8e+02; ive 0; Mismatches 0;

Length 21, Indels

0 Gaps 0

Chowrira, Bharat

Parkinson Disease Using

Inc.

NUMBER: US 10/720,441

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SEQ ID NO 282
LENGTH: 21
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PRIOR FILING DATE: 2003-10-31
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)...(21)
                                                                                                                                                                                                                                              OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy-2'-fluoro FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-O-methyl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
                                                               OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                                                                                                                                         OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
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                                                                                     NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                                                                                                               NAME/KEY: misc feature
LOCATION: (18)..(19)
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US-10-861-060-283
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LENGTH: 21
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NUMBER OF EEQ ID NOS. 374
SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: PCT/US03/05346
                 OTHER INFORMATION: n stands for thymidine
                                       NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                  FEATURE:
                                                                                                    OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                                                                                                          LOCATION: (20)..(20)
                                                                                                                                                                                           OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                                                                                                                                                              OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (17)..(17)
                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (13)..(16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (8)..(12)
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LOCATION: (7)...(7)
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LOCATION: (6)..(6)
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LOCATION: (5)..(5)
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LOCATION: (4)..(4)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                          KATUKE
                                                                                                                                                                                                                                                             FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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LOCATION: (1)..(2)
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APPLICATION NUMBER: PCT/US04/13456
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Remaining prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS : 374 GOSTWARE: Patentin version 3.3 SEQ ID NO 284 LENGTH: .01

OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region

FEATURE:

TYPE: RNA ORGANISM: Artificial Sequence

PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30 PRIOR APPLICATION NUMBER: PCT/U803/05346 PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: PCT/U803/05028

PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: US 10/444,853

Query Macch

1.2%; Score 19; DB 1; Length 21;

PEATURE:

AME/KEY: misc reacure

OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature LOCATION: (10)..(10) PEATURE:

OTHER INFORMATION: 2'-0-methyl NAME/KEY: misc\_feature FEATURE

OTHER INFORMATION: 2'-O-methyl NAME/KEY: misc\_feature FEATURE:

COCATION: (5) LOCATION: (4) OCATION:

OTHER INFORMATION: 2'-deoxy-2'-fluore NAME/KEY: misc\_feature OTHER INFORMATION: 2'-O-methyl NAME/KEY: misc\_feature

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PRIOR APPLICATION NUMBER: US 10826,966
PRIOR PILING NUTE: 2004-04-16
PRIOR PILING NUTE: 2004-04-16
PRIOR PILING NUTE: 2004-01-14
PRIOR PILING NUTE: 2004-01-14
PRIOR PILING NUTE: 2004-11-124
PRIOR APPLICATION NUMBER: US 10/80,059
PRIOR APPLICATION NUMBER: US 10/80,059
PRIOR APPLICATION NUMBER: 003-10-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLS OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REPERENCE: 400/162 [MBH804-372-A]
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                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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Haeberli, Peter
Chowrira, Bharat
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US-10-861-060-284
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Publication No. US20050137155A1
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                                                                                                    SEQ ID NO 285
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                                                                                                                       Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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FILE REFERENCE: 400/162 (WSH804-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                               PRIOR FILING DATE: 2004-04-30
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LOCATION: (20)..(21)
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OTHER INFORMATION: 2'-O-methyl
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                       ORGANISM: Artificial Sequence
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LOCATION: (20)..(20)
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LOCATION: (15)..(16)
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    FEATURE:
                                                         TYPE: RNA
                                                                       LENGTH: 21
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FILING DATE: 2003-02-20
                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                           FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 10/444,853
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Chowriza, Bharat
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    See File Wrapper or PALM

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                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 9003-02-20
PRIOR PELICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR PELICATION UNDERS: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR PILING DATE: 2003-11-24

PRIOR PILING DATE: 2003-10-23

PRIOR PILING DATE: 2003-10-23

PRIOR PILING DATE: 2003-10-23

PRIOR PILING DATE: 2003-10-25

PRIOR APPLICATION NUMBER: PCT/US03/05346

PRIOR APPLICATION NUMBER: PCT/US03/05346
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NAME/KEY: misc_feature
                                 FEATURE:
                                                                       LOCATION:
                                                                                                                       FEATURE:
                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                   TYPE: RNA
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Best Local Similarity 68.4%;
Matches 13; Conservative
                                                                                             OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
                                                                                                                                                               OTHER INFORMATION: n stands
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OTHER INFORMATION: 5'-3
                                                                                                              NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
                                                                                                                                                                                                                                    attached terminal deoxyabasic moeity
                                                                                                                                                               for thymidine
                               Pred. No.
                                         Score 19; DB 1;
             Mismatches
                           1.86+02;
                                            Length 21;
          Indels
             o;
          Gaps
             0
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Publication No. US20050137155A1 APPLICANT: Chowrism, Bharat TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNa) FILE REFERENCE: A00/ScJ (MEMBOG-372-A) APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James Haeberli, Peter

CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRICE APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448 PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR FILING DATE: 2003-10-31

removed See File Wrapper or

SOFTWARE: PatentIn version 3.3 SEQ ID NO 286 LENGTH: 21 Remaining Prior Application data NUMBER OF SEQ ID NOS: 374

ORGANISM: Artificial Sequence

OTHER INFORMATION: 5'-3 NAME/KEY: misc teature OTHER INFORMATION: Description of Artificial Sequence: attached terminal deoxyabasic moeity siNA sense region

OTHER INFORMATION: n stands for thymidine

OTHER INFORMATION: Description of Artificial Sequence:

siNA sense region

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| FRATURE:
| HAMP/KEY: misc_feature
| LOCATION: (21):
| CYMER_IMPORMATION: 3'-3 attached terminal deoxyabasic moeity
| US-10-851-960-285
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US-10-861-060-287
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SOUTHWAR: Patentin version 3.3
SEO ID NO 287
LEAGUTE: 21
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR RILING DATE: 2004-01-14
DRIOR DEPTING DATE: 2004-01-14
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APPLICANT: McSwiggen, James
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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CURRENT FILING DATE: 2004-06-03
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                     NAME/KEY: misc_feature
LOCATION: (21) ...(21)
OTHER INFORMATION: 3'-3
                                                                                                                          LOCATION: (20)...(21)
OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                          NAME/KEY: misc_feature
                                                                                                                                                                                                                                     OTHER INFORMATION: 5'-3
                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                          FEATURE:
                                                                                                                                                                                                                FEATURE:
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nes 15; Conserv
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llarity 78.9%; Pred. No.
Conservative 4; Mismatc
                          attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                     attached terminal deoxyabasic mosity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
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                                                                                Matches
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Query Match

1.2%; Score 19; DB 1; Length 21;

1337 TTCAATCCTGTCAATGTTT 1355

Conservative

Indels

0

Gaps

0

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US-10-861-060-288
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                                                                                                                                                                                  US-10-861-060-288
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PRICE PLINE DATE: 2001-10-21
PRICE PLINE DATE: 2001-05-21
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SEQ ID NO 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Publication No. US20050137155AI
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TITLE OF INVORTION DNA Inderference Heddard Treatment of Parkinson Disease Using
TITLE REFERENCE: 407/162 Member-192-A)
COMMENT PARTICULATION MEMBER: 1920/1645-060
RECOR APELICATION MEMBER: 105 10/659,111
RECOR PELICATION MEMBER: 105 10/659,126
RECOR APELICATION MEMBER: 105 10/659, 96
RECOR PELICATION MEMBER: 105 10/659, 96
RECOR PELICATION MEMBER: 105 10/659, 96
RECOR PELICHO DATE: 1000-01-104
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                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
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                                                                                                                                                                                                                                                         NAME/KEY: misc feature
LOCATION: (21)..(21)
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NAME/KEY: misc_feature
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                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                675 AGCAGGGTCTTTGTGTGCT 693
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                                                     52.6%;
                                                                                                                                                                                                                                                                                                                                                                                                        for thymidin
Pred. No. 1.8e+02;
9; Mismatches 0
                                   Score 19; DB 1; Length 21,
Pred. No. 1.8e+02;
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US-10-861-060-290/c
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LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                      Matches
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                                                                                     GENERAL INPORMATION
                                                                                                        Sequence 290, Application US/10861060
Publication No. US20050137155A1
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PILE REPERENCY: 001/16: Nember:172-A)
CORRESTO FILED DATE: 200-0-0-10
CORRESTO FILED DATE: 200-0-0-10
SEION APPLICATION NUMBER: US 10/698/311
SEION APPLICATION NUMBER: US 10/698/311
SEION APPLICATION NUMBER: US 10/698/311
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                     APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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                  APPLICANT:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: n stands for thymidine
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LOCATION: (20)..(21)
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              McSwiggen, James
Haeberli, Peter
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                                                             Inc
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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APPLICANT:

Chowrira,

Bharat

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

APPLICATION NUMBER: US 10/720,448

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US-10-861-060-290
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Publication No. US20050137155A1
TITUS OF INVESTICES: NAN Interference Mediated Treatment of TITUS OF INVESTICES. The Interference Mediated Treatment of TITUS OF INVESTICES. DESCRIPTION OF INVESTICES OF 
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SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/U803/05028
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LOCATION: (20)..(21)
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Haeberli, Peter
Chowrira, Bharat
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100.0%; Pred. No. 1.8e+
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Publication No.
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                          PRIOR
                                                                                                     PRIOR
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
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Haeberli, Peter
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                                 US 10/698313
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                                                                                                                                SEQ ID NO 293
LENGTH: 21
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Publication No. US20050137155A1
                                                                                                                                                                                                   Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374 SOPTWARE: PatentIn version 3.3
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
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OTHER INFORMATION: Description of Artificial Sequence:
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                                                            ORGANISM: Artificial Sequence
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FILING DATE: 2003-05-23
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SOFTWARE: PatentIn version 3.3
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                                                                                                                                                                   INFORMATION: n stands
19 TTCAATCCTGTCAATGTTT 1
                                  TICAATCCIGICAATGTIT 1355
                                                                        Conservative
                                                                                       100.0%
                                                                                           1.2%; Score 19;
100.0%; Pred. No.
                                                                                                                                                               for thymidine
                                                                        0
                                                                        Mismatches
                                                                                                          DB 1,
                                                                                           1.8e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 See File Wrapper or PALM
                                                                                                          Length 21
                                                                        Indels
                                                                                                                                                                                                                                                                                                                siNA antisense region
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                                                                    Gaps
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                                                                                                                                               US-10-861-060-294
                                                                                                                                                                 RESULT 455
                                                                                         GENERAL INFORMATION:
                                                                                                           Sequence 294, Application US/10861060 Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                           -10-861-060-293
                                       APPLICANT:
                                                                       APPLICANT: Sirns Therapeutics,
                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (17)...(17)
OTHER INFORMATION: 2'-deoxy
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LOCATION: (8)..(12)
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LOCATION: (1)...(2)
OTHER_INFORMATION: 2'-deoxy
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (18)..(19)
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LOCATION: (13)..(13)
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OCATION: (15)..(15)
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T: McSwiggen, James
T: McSwirks, Bharet
T: Chowirks, Bharet
                                                                                                                                                                                                                                                                                       l Similarity
12, Conserv
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                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                      63.24;
                                                                                                                                                                                                                                                                                                                                                                                                                                              for thymidine
                                                                                                                                                                                                                                                                                    Score 19; DB 1; Length 21;
Pred. No. 1.8e+02;
7; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                       0
                                                                                                                                                                                                                                                                                       Gaps
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OTHER NAME/KEY: misc\_feature LOCATION: (18)..(19) OTHER INFORMATION: 2'-deoxy-2'-fluoro

INFORMATION: 2'-deoxy

PEATURE:

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SEQ ID NO 294
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CURRENT APELCATION KUMBER: US/0961.060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION KUMBER: US 10/698,311
RRIGH FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.3
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
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PRIOR PILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-11-24
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                                                                                                                                                                        OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (3)..(5)
OTHER INFORMATION: 2'-deoxy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
ORGANISM: Artificial Sequence
NAME/KEY: misc_feature
LOCATION: (14)..(17)
                                                                            OTHER INFORMATION: 2'-deoxy
                                                                                                NAME/KEY: misc_feature
LOCATION: (12)..(13)
                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (11)..(11)
                                                                                                                                                                                                                                                                         OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (10)..(10)
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                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  attached terminal deoxyabasic moestly
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US-10-861-060-295
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REPERENCE: 400/162 (MBH804-372-A)
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2003-10-31
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                                                                        NAME/KEY: misc_feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3
                                                                                                                                                                                                                     NAME/KBY: misc_feature
LOCATION: (1)..(1)
                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
CTHER INFORMATION: n stands for thymidine
NAME/KEY: misc_feature
LOCATION: (2)..(4)
                                                        FEATURE:
                                                                                                                                                             FEATURE:
                                                                                                                                                                                         OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: siNA sense region
                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                              attached terminal deoxyabasic moeity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 296, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                                         CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR PILICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mobidgem, James
APPLICANT: MobidLi, Peter
APPLICANT: Chowitz, Bhart, Peter
TITLE OF INVESTION: Short Interfering Nucleic Acid (a3NA)
TITLE OF INVESTION: Short Interfering Nucleic Acid (a3NA)
                                                                                                    PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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APPLICATION

NUMBER: US 10/444,853

APPLICATION NUMBER: US 10/693,059 FILING DATE: 2003-10-23 FILING DATE: 2003-11-24

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US-10-861-060-295
                                                                         Matches
                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                 OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                          OTHER INFORMATION: n stands
                                                                                                                                                                                                                                                                         MAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                                                                                                                                                                                                                                                                  LOCATION: (20)
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                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (17)
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                              695 TGGATTITGTGGCTTCAAT 713
                                                                     10; Conservative
1 UGGAUUUUGUGGCUUCAAU 19
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                                                                 1.2%; Score 19; DB 1; Length 21.
52.6%; Pred. No. 1.8e+02;
vative 9; Mismatches 0; Indels
                                                                                                                                                                                                                                          ror thymidine
                                                                         0
                                                                         Gaps
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BRICK HPALCATTON NUMBER: PCT/0803/03346
PRIOR HILMO DARE: 0003-02-1003/03028
PRIOR HPALCATTON NUMBER: 907-02-1003/03028
PRIOR HPALCATTON NUMBER: 001-07-08-111
PRIOR HPALCATTON NUMBER: 001-07-08-111
PRIOR HPALCATTON NUMBER: 001-07-08-111
PRIOR HPALCATTON NUMBER: 001-07-08-111
PRIOR HPALCATTON NOBE-04-07-01/0804/13466
PRIOR HPALCATTON NOBE-04-07-01/0804/13466
PRIOR HPALCATTON NOBE-04-07-01/0804/13466
PRIOR HPALCATTON NOBE-04-07-01/0804/13466
                                                                                            ; OTHER INFORMATION: 3'-3 attached terminal decryabasic mosity US-10-861-060-296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 296
                                Query Match
Best Local 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OR BEO ID NGS: 374
SOPTWARE: Pacentin Version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-05-23
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                                                                                                                                          NAME/KEY: misc feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                 NAME/KEY: misc feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                  LOCATION: (17)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (16)..(16)
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OCATION: (10)..(10)
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Local Similarity 52.6%;
hes 10; Conservative
                                                                                                                                                                                                               INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                      INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION: 2'-deoxy
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         Score 19; DB 1; Length 21;
Pred. No. 1.8e+02;
9; Mismatches 0; Indels
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RESULT 458

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COMMENT PAPELCOCION NUMBER: 102/10/64.066

COMMENT PAPELCOCION NUMBER: 102/10/64.066

COMMENT PAPELCOCION NUMBER: 102/10/64.061

MICHIER PAPELCOCION NUMBER: 102/64.066.066

PARCON PAPELCOCION NUMBER: 102/64.066.066

PARCON PAPELCOCION NUMBER: 102/64.067.003

## MEGICA APPLICATION IMPRIBINE, 128 10/7/20.448
### MEGICA APPLICATION IMPRIBINE, 128 10/7/20.448
### MEGICA APPLICATION IMPRIBINE, 129 10/444, 853
### MEGICA PILLING DATE; 2003-10-23
### MEGICA PILLING DATE; 2003-10-32
### MEGICA APPLICATION IMPRIBINE, 129 10/444, 853
### MEGICA APPLICATION IMPRIBINE, 120/449, 853
### MEGICA APPLICATION IMPRIBINE, 120/49831049
### MEGICA APPLICATION IMPRIBINE, 120/498311
### MEGICA APPLICATION IMPRIBINE, 120/498311
### MEGICA APPLICATION IMPRIBINE, 120/498311

BIOM APPLICATION NUMBER: PAJ UNDVALANDO BERGE FELL WEAPPER OF RECORDING THE METAPORAL OF THE METAPORAL OF SECULO 1805 1374

SOFTMARE: Petertin version 3.3

180 ID NO 297

180 ID NO 297

LEWKTH; 21. TYPE: INA GORANIAN: Artificial Sequence CYHER INFORMATION: Description of Artificial Sequence: siMA antisense region

PERVIURE: misc\_feature
NAME/KEY: misc\_feature
LOCATION: (1)...(2)
OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

NAME/KEY: misc\_feature
LOCATION: (3)...(4)
COTHER INFORMATION: 2'-deoxy
ETATURE:

OTHER INFORMATION: 2'-deoxy
FERATURE:
FERATURE:
LOCATION: (5)..(12)
OCHER INFORMATION: 2'-deoxy-2'-fluoro
FERATURE:
FERATURE:
NAME/KEY: misc feature

NAME/KEY: misc\_feature LOCATION: (13): (14) PERVITES: misc\_feature NAME/KEY: misc\_feature NAME/KEY: misc\_feature NCOATION: (15): (15): (15) OTHER IMPORANTION: 2' deoxy-2'-fluoro

PERTURE:
NAME/KEY: misc\_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-deoxy
FEATURE:

; NAME/KEY: misc\_feature

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US-10-861-060-298/c
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                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 298
LENGTH: 21
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF EED 1D NOS: 974
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR PILLATION NUMBER: US 10/757,803
PRIOR FILMS DATE: 2004-01-14
PRIOR PILLSO DATE: 2004-01-14
PRIOR PILLSO DATE: 2003-11-24
PRIOR PILLSO DATE: 2003-11-24
PRIOR PILLSON NUMBER: US 10/693,059
PRIOR PILLSON NUMBER: US 10/693,059
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 19;
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PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sirna Therapeutics, Inc
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   est Local Similarity
                                            NAME/KEY: misc_feature
LOCATION: (7)..(9)
                                                                                                                 OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (1)..(2)
              OTHER INFORMATION: 2'-deoxy-2'-fluore
                                       LOCATION
                                                                                             FEATURE:
                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (3)..(6)
                                                                                                                                                                                                              OTHER INFORMATION: 2'-deoxy-2'-fluore
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OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
PEATURE:
                                                                                                                                                                                          FEATURE
                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         325 CTTTGTCAAAAAGGACCAG 343
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                                                                                                                                                                                                                                                                                                            siNA antisense region
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Sequence 299, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc APPLICANT: McSwiggen, James APPLICANT: Haberli, Peter

CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PALOR APPLICATION NUMBER: US 10/689,311
PALOR PRILING DATE: 2003-05-10
PALOR PRILING DATE: 2003-05-10
PALOR PRILING DATE: 2004-05-11
PALOR PRILING DATE: 2004-05-11
PALOR PRILING DATE: 2004-05-11
PALOR PRILING DATE: 2004-05-14

APPLICATION NUMBER: US 10/720,448 FILING DATE: 2003-11-24 APPLICATION NUMBER: US 10/693,059

APPLICANT: Chowrize, Bhaze.
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 00/1/62 (Memsed-177-A)

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US-10-861-060-298
                                                              Matches
                                                                                           Query Match
                                                                                                                                      OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                                                                                                                          NAME/KEY: misc feature
LOCATION: (20)..(20)
                                                                                                                                                                                                           OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                              FEATURE:
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LOCATION: (18)..(18)
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LOCATION: (16) ..(16)
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LOCATION: (12)..(14)
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LOCATION: (10)..(10)
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                   390 ATATGCCTGTGGATCCTGA 408
19 ATATGCCTGTGGATCCTGA 1
                                                              19,
                                                                              Similarity
                                                              Conservative
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                                                                              100.0%;
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                                                                           Score 19; DB 1;
Pred. No. 1.8e+C
                                                              Mismatches
                                                                              1.8e+02
                                                                                        Length 21
                                                           0;
                                                           Gaps
                                                           9
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PRIOR FILING DATE: 2001-03-20
PRIOR APPLICATION MUMBER: PCT/US03/05028
PRIOR FILING DATE: 2001-03-20
PRIOR FILING DATE: 2001-03-20
PRIOR APPLICATION MUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-03-20
Remaining Prior Application data removed - Sementer of the 100 Member of the 100
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LENGTH: 21
TYPE: RNA
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                    NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
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                                                                                                                     FEATURE:
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                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
OCATION: (19)..(19)
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NAME/KEY: misc_feature
LOCATION: (17)..(17)
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LOCATION: (11)..(11)
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
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                                                                                                                                                                  for thymidin
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10-861-060-299

NAME/KEY: misc\_feature LOCATION: (10)..(15) OCHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE

LOCATION: (10)..(15)
OTHER INFORMATION: 2'-deoxy

NAME/KEY: misc\_feature LOCATION: (18)..(19) PEATURE

INFORMATION: 2'-deoxy-2'-fluoro

OTHER INFORMATION: 2'-deoxy OCATION: NAME/KEY: misc\_feature LOCATION: (16)..(16)
OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KBY: misc\_feature LOCATION: (16)..(16) PEATURE

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US-10-861-060-300/c
                                                                                                                                           SOFTWARE: PatentIn version 3.3
SEQ ID NO 300
LENGTH: 21
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Publication No. US20050137155A1
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                   Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 10/757,803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 10/698,311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-10-3
                                           FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
NAME/KEY: misc_feature
                                                                                                    ORGANISM: Artificial Sequence
                                 FEATURE
                                                                                                                            TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               391 TATGCCTGTGGATCCTGAC 409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19 TATGCCTGTGGATCCTGAC 1
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Chowrira, Bharat
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100.0%; Pred. No. 1.8e+02;
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                                                                                                                                                                                                                                                See File Wrapper or PALM
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FEATURE:

Page 194

PEATURE: NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro PEATURE: misc\_feature

LOCATION: (6)..

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US-10-861-060-300
                                                                              Matches 19; Conservative
                                                                                               Best Local Similarity
                                                                                                                   Query Match
                                                                                                                                                                             OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                                                                                                                                                                  NAME/KBY: misc_feature
LOCATION: (20)..(20)
                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (20)..(21)
                        424 AATGCCTTCTGAGGAAGGG 442
19 ANTGCCTTCTGAGGAAGGG 1
                                                                                                   100.0%;
                                                                                                   1.2%; Score 19; DB 1; Length 21
100.0%; Pred. No. 1.8e+02;
                                                                              0;
                                                                              Mismatches
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                                                                          Gaps
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Publication No. Application US/10861060 US20050137155A1 Therapeutics, Bharat

US-10-861-060-301/c

TITILE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITILE DE INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 (MSHB04-772-A)

PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION UNMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03

PRIOR FILING DATE: 2004-01-14
PRIOR RPILORATION EMBER: US 10/720,448
PRIOR RILING DATE: 2003-11-24
PRIOR APPLICATION UNMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23 PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR FILING DATE: 2003-05-23 PRIOR APPLICATION NUMBER: PCT/U803/05346 PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: PCT/US03/05028

PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: PCT/US04/1345

Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF EGD ID NOS 174 SOFTWARE: PatentIn version 3.3 PRIOR FILING DATE: 2004-04-30

SEQ ID NO 301 LENGTH: 21

FEATURE OTHER INFORMATION: Description of Artificial Sequence: TYPE: RNA ORGANISM: Artificial Sequence FEATURE: siNA antisense region

NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature LOCATION: (1)..(2) LOCATION: FEATURE

NAME/KEY: misc\_feature LOCATION: (4)..(4) OTHER INFORMATION: 2'-deoxy-2'-fluoro

FEATURE:

OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_reature LOCATION: (18)..(19) FEATURE: OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature FEATURE: OTHER INFORMATION: 2'-deoxy-2'-fluoro NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro LOCATION: NAME/KEY: misc feature OTHER INFORMATION: 2'-deoxy LOCATION: (17) LOCATION: (13 LOCATION: (8).. FEATURE 9 (12) (19)

US-10-861-060-301 Matches Query Match OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage NAME/KEY: misc feature LOCATION: (20)..(20) Local Similarity 675 AGCAGGGTCTTTGTGTGCT 693 19; 19 AGCAGGGTCTTTGTGTGCT 1 Conservative 100.0%; Pres. Arive 0; Mismatches 1.2%; Score 19; DB 1; Length 21 00.0%; Pred. No. 1.8e+02; Indels 0, Gaps

0

OTHER INFORMATION: n stands for thymidine

(21)

NAME/KEY: misc\_feature FEATURE:

LOCATION: (20)

US-10-861-060-302/c RESULT 463 GENERAL INFORMATION: Sequence 302, Application US/10861060 Publication No. US20050137155A1 APPLICANT: Sirna Therapeutics, Inc APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/162 (MSHB04-372-A) APPLICANT: McSwiggen, James Haeberli, Peter Chowrira, Bharat

CURRENT APPLICATION NUMBER: US/10/861,060

PRIOR APPLICATION KNMER: US 10/698,311
PRIOR FILME DATE: 2003-10-31
PRIOR PRIOR FILME DATE: 2003-10-41
PRIOR APPLICATION KNMER: US 10/85,966
PRIOR APPLICATION KNMER: US 10/75,803
PRIOR MEDICATION KNMER: US 10/75,803
PRIOR MEDICATION KNMER: US 10/75,404
PRIOR MEDICATION KNMER: US 10/720,448 CURRENT FILING DATE: 2004-06-03

APPLICATION NUMBER: US 10/693,055

APPLICATION NUMBER: US 10/444,853

PRIOR

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US-10-861-060-302
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                                                                                                 Matches
                                                                                                                                 Query Match
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PRIOR FILING DATE: 2004-04-30
Remedining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.3
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TYPE: RNA
                                                                                                                                                                                              OTHER INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
                                                                                                                                                                                                              NAME/KEY: misc feature
LOCATION: (20)..(20)
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LOCATION: (19)..(19)
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LOCATION: (15)..(17)
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LOCATION: (10)..(10)
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                                                                                                                                                                                                                                                       FEATURE
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                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (18)..(18)
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                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 2003-10-31
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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                                        694 GTGGATTTTGTGGCTTCAA 712
                    19 GTGGATTTTGTGGCTTCAA 1
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                                                                                             1.2%; Score 19; DB 1; Length 21;
100.0%; Pred. No. 1.8e+02;
ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                           for thymidine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.3
SEQ ID NO 303
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PEATURE: OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (8)..(9)
                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
FEATURE:
                    OTHER INFORMATION: 2'-deox)
                                        LOCATION:
                                                        NAME/KEY: misc teature
                                                                            OTHER INFORMATION: 2'-deoxy-2'-fluoro FEATURE:
                                                                                                                     LOCATION:
                                                                                                                                     NAME/KEY: misc_feature
                                                                                                                                                         OTHER INFORMATION: 2'-deoxy
FEATURE:
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2

NAME/KEY: misc\_teature

(12) . . (15)

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GENERAL INFORMATION
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR ETLING DATE: 2004-04-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Chowrite, Bharat Perfering Nucleic Acid (siNA)
TITLE OF INVENTION: RAN Interfering Nucleic Acid (siNA)
                                                                                                                                      PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-05-23
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                                                                                                                    FILING DATE: 2003-10-31
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Chowrire, Bharat
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                             See File Wrapper or PALM
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US-10-861-060-303
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                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING MUTE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR PILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                      Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US :
PRIOR FILING DATE: 2004-01-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Short Interfering Nucleic FILE REFERENCE: 400/162 (MBHB04-372-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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OTHER INFORMATION: 2'-deoxy
                                                                                                                                   TYPE: RNA
ORGANISM: Artificial Sequence
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LOCATION: (20)..(20)
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                                                     NAME/KEY: misc_feature
                                                                                  FEATURE:
                                                                                                     OTHER INFORMATION: Description
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hes 19; Conserv
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                                                                                                     of Artificial Sequence:
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                                                                                                                                                                                                                                                                                              - See File Wrapper or PALM
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                                                          PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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US-10-861-060-305
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APPLICANT: McSwigge
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Publication No. US20050137155A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                       APPLICANT: Abstall, Peter
APPLICANT: Chorties, Barat
APPLICANT: Chorties, B
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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LOCATION: (20)..(20)
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LOCATION: (17)..(19)
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LOCATION: (15)..(16)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (5)...(5)
OTHER INFORMATION: 2'-deoxy
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / Match 1.2%; Score 19; DB 1;
Local Similarity 100.0%; Pred. No. 1.8e+0
1es 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1337 TICANTCCIGICANTGITT 1355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
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                                                                                                                                                                                                                                                                                                                                                                                                                                 McSwiggen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Therapeutics,
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APPLICATION NUMBER: US 10/693,059

2003-11-24

APPLICATION NUMBER: US 10/720,448

FILING DATE:

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US-10-661-060-306
Sequence 306, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
                                                                                                 RESULT 467
                                                                                                                                                                                                                                                                                                                       US-10-861-060-305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
Resaining Prior Application data removed - See File Wrapper or PALM
RUBERS OF SEO ID NOS: 374
RUBERS OF SEO ID NOS: 374
                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                           Query Match
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RWA
ORGANISM: Artificial Sequence
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APPLICANT: Sirna Therapeutics, Inc
                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (21)..(21)
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LOCATION: (8)..(15)
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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15; Conserv
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                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                          78.94;
                                                                                                                                                                                                                                                                                                                                                                                                                        for thymidine
                                                                                                                                                                                                                                          Score 19; DB 1;
Pred. No. 1.8e+02;
1; Mismatches 0
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SOFTWARE: Pat
SEQ ID NO 306
LENGTH: 21
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APPLICANT: McSedgam, James
BARICANT: Chowrita, Bakart
BARICANT: Chowrita, Bakart
TITLE OF ENMERTON: Bhort Interference Mediated Treatment of Parkinson Disease Using
TITLE OF ENMERTON: Short Interference Mediate Acid (siNA)
TITLE SETERENCE: 400/124 (besselv-172)
CHRESON PROJECTION NUMBER: US/L0561.66)
CHRESON PROJECTION NUMBER: US/L0561.66)
CHRESON PROJECTION NUMBER: US/L0561.66)
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NUMBER OF SEO ID NOS: 374
SOFFWARE: patentin version 3.3
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: US 10/693,059
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NAME/KEY: misc_feature
LOCATION: (4)..(4)
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OTHER INFORMATION: 2'-0-methyl
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                            OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (2)..(2)
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LOCATION: (1)..(1)
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NAME/KEY: misc_feature
                                   FEATURE
                                                            OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                           NAME/KEY: misc_feature
LOCATION: (6). (8)
                                                                                                                                                            OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (5)..(5)
                                                                                                                                                                                                                                   PEATURE
                                                                                                                                                                                                                                                                                                                                                                                 OCATION: (3)
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NAME/KEY: misc\_feature LOCATION: (10) ... (10) OTHER INFORMATION: 2'-deoxy-2'-fluoro OTHER INFORMATION: 2'-0-methyl

COCATION: OTHER INFO FEATURE:

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RESULT 468
US-10-861-060-307
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RICAR RELLANG DATE: 2003-11-23

RICAR RELLANG DATE: 3003-10-23

RICAR RELLANG DATE: 3003-10-23

RICAR RELLANG DATE: 3003-10-24

RICAR RELLANG DATE: 3003-10-25

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                                                                                                         SOPTWARE: PatentIn version 3.3
SEO ID NO 307
LENGTH: 21
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Best Local Similarity 68.4%;
Matches 13; Conservative
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                                                                                                                                                                                                                                    Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/720,448
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TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
CRIOR APPLICATION NUMBER: US 10/698,311
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TITUE OF INVENTION: SNA Interference Mediated Treatment of
TITUE OF INVENTION: SNOT Interfering Nucleic Acid (sixa)
FILE REFERENCE: 400/162 [MBHB04-372-A]
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APPLICANT: McSw
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (18)..(19)
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LOCATION: (11)..(13)
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                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               390 ATATGCCTGTGGATCCTGA 408
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Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                              See File Wrapper or PALM
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FEATURE:

US-10-861-060-308 RESULT 469

GENERAL INFORMATION: Sequence 308, Application US/10861060 Publication No. US20050137155A1

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US-10-861-060-307
                                                                           Matches
                                                                                               Query Match
Best Local :
                                                                                                                                                                      OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                      NAME/KEY: misc feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                              COCATION: (20)..(21)
OTHER INFORMATION: n stands
                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (17)..(18)
OTHER INFORMATION: 2'-O-methyl
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LOCATION: (10)...(12)
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                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                     FEATURE
                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy-2'-fluore
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LOCATION: (19)..(19)
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LOCATION: (17)..(18)
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LOCATION: (13)...(16)
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LOCATION: (8)..(8)
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LOCATION: (5)...(7)
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LOCATION: (4)...(4)
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LOCATION: (3)..(3)
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LOCATION: (1)..(1)
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LOCATION: (1)...(1)
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                                       391 TATGCCTGTGGATCCTGAC 409
1 UAUGCCUGUGGAUCCUGAC 19
                                                                                               Similarity
                                                                       1.2%; Score 19; DB ilarity 68.4%; Pred. No. 1.8 Conservative 6; Mismatches
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                                                                                                                                                                                                                                                      for thymidine
                                                                                           1.8e+02
                                                                                                               Length 21,
                                                                       0,
                                                                       Gaps
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APPLICANT: Sirna Therapeutics,

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US-10-861-060-308
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SOFTMARE: Patentin version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/861,060
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TITUB OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 [MBHB04-372-N]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
                                        OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                                                              LOCATION:
                                                                                NAME/KEY: misc_feature
                                                                                                                        OTHER INFORMATION: n stands
                                                                                                                                                   LOCATION:
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FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
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APPLICATION NUMBER: US 10/444,853
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                                                              (21)
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                                                                                                                            for thymidine
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SEQ ID NO 309
LENGTH: 21
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                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (1)...(1)
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FEATURE:
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                                                                                                                                                                                                                     LOCATION:
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Matches .
                                   Best Local Similarity
424 AATGCCTTCTGAGGAAGGG 442
                       Conservative
                                 78.9%;
                                   Pred. No. 1.8e+02;
                       Mismatches
                          Indels
                          0
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APPLICANT: Sirna Therapeutics, 1 ANUGCCUUCUGAGGAAGGG 19 Application US/10861060 b. US20050137155A1

FILE REFERENCE: 400/162 (MBHB04-372-A) APPLICANT: Habberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) Parkinson Disease Using

CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03 PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR FILING DATE: 2003-10-31

PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059 PRIOR APPLICATION NUMBER: US 10/720,448 PRIOR FILING DATE: 2004-01-14

PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346 PRIOR FILING DATE: 2003-10-23 PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: US PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2003-10-31 US 10/698311

Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374 PRIOR APPLICATION NUMBER: PCT/US04/13456 PRIOR FILING DATE: 2004-04-30 See File Wrapper or PALM

TYPE: RNA ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: FEATURE: siNA sense region

NAME/KEY: misc\_feature

OTHER INFORMATION: 2'-O-methyl

OTHER INFORMATION: 5'-3 NAME/KEY: misc\_feature attached terminal deoxyabasic moeity

OTHER INFORMATION: 2'-deoxy-2'-fluoro (a) 3

NAME/KEY: misc\_feature LOCATION: (4)..(7)

OTHER INFORMATION: 2'-deoxy-2'-fluoro AME/KEY: misc feature OTHER INFORMATION: 2'-0-methyl

WAME/KEY: misc feature

Query Match

1.2%; Score 19; DB 1; Length 21;

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, OTHER INPORMATION: 3'-3 attached terminal deoxyabasic moetry US-10-861-060-310
                                                                          Best Loc
Matches
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SEQ ID NO 310
LENGTH: 21
                                                                                                                  Query Match
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PRIOR FILING DATE: 2004-04-30
Remaining Prior Popilacion data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                             LOCATION: (21).
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LOCATION: (12)..(13)
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
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                                                                                          Local Similarity
                                       694 GTGGATTTTGTGGCTTCAA 712
                                                                                                                                                                                                                                                                                                                               INFORMATION: 2'-0-methyl
GUGGAUUUUGUGGCUUCAA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (10)
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                                                                              Conservative
                                                                                                                                                                                             (21)
                                                                                          57.94;
                                                                                                                                                                                                                                                    for thymidina
                                                                          Score 19; DB 1; Length 21;
Pred. No. 1.8e+02;
8; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                siNA sense region
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                                                                              Gaps
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RESULT 472 US-10-861-060-311 , Sequence 311, Application US/10861060

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Publication No. US20050137155A

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GENERAL INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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APPLICANT: McSwiggen, James
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/757,803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 5'-3
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NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
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                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                        PEATURE:
NAME/KEY: misc_feature
LOCATION: (13)..(16)
                                                                                                               OTHER INFORMATION: 2'-0-methyl
                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (11)..(12)
                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION:
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                                                                                                                                                                                                                                                                                                               THER INFORMATION: 2'-0-methyl
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                                                                                                                                        (12)
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                                                                                                                                                                                           SOFTWARE: PatentIn version 3.3
SEQ ID NO 312
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.2%;
Best Local Similarity 52.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR PRICE CATTON NUMBER: US 10/826,966
PRIOR PRILING DATE: 2004-04-16
PRIOR PRILING DATE: 2004-04-16
PRIOR PRILING DATE: 2004-01-14
PRIOR PRILING DATE: 2004-01-14
PRIOR PRILING DATE: 2004-01-14
PRIOR PRILING DATE: US 10/720,448
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed - See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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LOCATION: (17)..(18)
                                                                                          ORGANISM: Artificial Sequence
PERTURE:
OTHER INFORMATION: Description of Artificial Sequence: sink sense region
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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OTHER INFORMATION: 2'-deoxy-2'-fluore
                         NAME/KEY: misc_feature
LOCATION: (1)..(3)
                                                                           FEATURE:
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Haeberli, Peter
Chowrira, Bharat
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Pred. No. 1.8e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Parkinson Disease Using
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FEATURE:

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US-10-861-060-313/c
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                 APPLICANT: Hebelsjen: (James)
APPLICANT: Hebelsjen: (James)
APPLICANT: Georgia: (James)
APPLICANT: (J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.2%;
Best Local Similarity 52.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (21)..(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (16)..(16)
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LOCATION: (15)..(15)
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LOCATION: (13)..(14)
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LOCATION: (11)..(12)
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LOCATION: (10)..(10)
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LOCATION: (6)..(9)
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LOCATION: (1)..(1)
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LOCATION: (17)..(19)
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FILING DATE: 2004-04-16
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Pred. No. 1.8e+02;
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NUMBER OF SEQ ID NOS: 374
SOPTHARE: Patentin version 3.3
SEQ ID NO 313
                                                                           Matches
                                                                                           Query Match
Best Local Similarity
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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ORGANISM: Artificial Sequence
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LOCATION: (20)..(20)
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                                                                                                                                                                                                                                                          OTHER INFORMATION: n stands for thymidine
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LOCATION: (20)..(21)
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LOCATION: (16)..(19)
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LOCATION: (15)..(15)
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LOCATION: (13)..(14)
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                               325 CTTTGTCAAAAGGACCAG 343
19 CTTTGTCAAAAAGGACCAG 1
                                                                           19;
                                                                           Conservative
                                                                                           1.2%; Score 19; DB 1; Length 21
100.0%; Pred. No. 1.8e+02;
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RESULT 475
US-10-861-060-314/g
US-10-861-060-314/g
F. Sequence 314, Application US/10861060
F. Publication No. US20050137155A1
F. GENERAL INFORMATION

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APPLICANT: Sirna Therapeutics,

Inc.

OTHER INFORMATION: 2'-deoxy-2'-fluoro

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Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOPTWARE: PatentIn version 3.3
SEQ ID NO 314
LENGTH: 21
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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LOCATION: (3)..(6)
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JAME/KEY: misc_feature
_OCATION: (17)...(17)
                                                                       OTHER INFORMATION: 2'-0-methyl
                                                                                              NAME/KEY: misc_feature
LOCATION: (16)..(16)
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LOCATION: (15)..(15)
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LOCATION: (12)..(14)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (11)..(11)
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LOCATION: (10)..(10)
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FILING DATE: 2003-10-31
APPLICATION NUMBER: PCT/US04/13456
FILING DATE: 2004-04-30
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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FILING DATE: 2003-10-23
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FILING DATE: 2003-05-23
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Best Local Similarity
Marches 19; Conservat
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                                                                                                                                         SEQ ID NO 315
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REPRESENCE: 400/162 [MEMBO4-372-A]
                                                                                                                                                                                    SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                            Remaining Prior Application data removed 
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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CURRENT FILING DATE: 2004-06-03
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LOCATON: (20)..(20)
OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2003-10-31
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NAME/KEY: misc_feature
LOCATION: (19)..(19)
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NAME/KEY: misc_feature
LOCATION: (18)..(18)
                       FEATURE:
                                                                                          TYPE: RNA
ORGANISM: Artificial Sequence
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LOCATION: (20)..(21)
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NAME/KEY: misc_feature
                                               OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
                                                                       FEATURE:
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o. US20050137155A1
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00.0%; Pred. No.
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1.8e+02;
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US-10-861-060-316/c
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                                                                                                                                                Sequence 316, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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Best Local Similarity
APPLICANT: Meddigen James
APPLICANT: Mederli, Peter
APPLICANT: Chowritz, Bhazel, Peter
TITLE OF THOMPICH: Short Interfering Mediate Acid (s)AA)
TITLE OF THOMPICH: Short Interfering Models Acid (s)AA)
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LOCATION: (20)..(20)
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LOCATION: (11) ... (11)
OTHER INFORMATION: 2'-O-methyl
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LOCATION: (4)..(7)
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LOCATION: (19)..(19)
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LOCATION: (18)..(18)
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LOCATION: (17)..(17)
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LOCATION: (13)..(15)
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00.0%; Pred. No. 1.8e+02;
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US-10-861-060-317/c
, Sequence 317, Application US/10861060
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Matches Query Match

19,

Conservative

Local Similarity

1.2%; Score 19; DB 1; L 100.0%; Pred. No. 1.8e+02; ç Mismatches

Length 21, Indels

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US-10-861-060-316
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NUMBER OF SEQ ID NOS: 374
SOTTWARE: PatentIn version 3.3
SEQ ID NO 316
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CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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                         OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
                                              FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (20)..(20)
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NAME/KEY: misc_feature
LOCATION: (20)..(21)
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NAME/KEY: misc_feature
LOCATION: (17)...(17)
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LOCATION: (16)..(16)
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R APPLICATION NUMBER: US 10/720,448
R FILING DATE: 2003-11-24
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FILING DATE: 2003-02-20
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Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
SOUTHARE: Patentin Version 3.3
SEQ ID NO 317
LENGTH: 21
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION INMERS: US 10/720,448
PRIOR PILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR PILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PC7/US03/05346
PRIOR PILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/598.311
PRIOR PLING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR APPLICATION NUMBER: US 10/757,803
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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                     OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                          NAME/KEY: misc_feature
LOCATION: (13)..(16)
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                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LOCATION: (5)..(5)
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EATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRICE RILING DATE: 2004-04-16
PRICE RILING DATE: 2004-01-14
PRICE REPLICATION NUMBER: US 10/593.059
PRICE RILING DATE: 2003-01-23
PRICE REPLICATION NUMBER: US 10/493.059
PRICE REPLICATION NUMBER: US 10/494.653
PRICE REPLICATION NUMBER: US 10/494.653
PRICE REPLICATION NUMBER: US 10/494.653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 318, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.3
SEQ ID NO 318
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.2*; Score 19; DB 1; L. Best Local Similarity 100.0%; Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Wheleic Acid (SIMA) FILE REFERENCE: 400/162 (MEHBO4-372-A) CURRENT ASSICIATION NUMBER: US/10/661,060 CURRENT FILINE DATE: 2004-06-0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed
                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 10/698311
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LOCATION: (20)..(20)
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LOCATION: (20)..(21)
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LOCATION: (18)..(19)
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                                                                                                    FEATURE: OTHER INFORMATION: Description of Artificial Sequence: sixA antisense region
     LOCATION: (1)...(2)
OTHER INFORMATION: 2'-deoxy-2'-fluore
                                               NAME/KEY: misc_feature
                                                                                    PEATURE
                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US03/05346
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Chowrira, Bharat
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US-10-861-060-319/c
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Best Local Similarity
Matches 19; Conserv
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Publication No. US20050137155A1
                         PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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ADPLICANT COMMENTS. BREET revent Wednesd Trainment of
TITLE OF PROFITOR. BREET INSTERING WICHEST AND ADDRESS AND 
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PRIOR FILING DATE: 2003-11-24
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LOCATION: (20)..(20)
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LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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LOCATION: (18)..(18)
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NAME/KEY: misc feature
LOCATION: (15)..(17)
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LOCATION: (11)..(14)
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LOCATION: (10)..(10)
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100.0%; Pred. No.
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                                                                                              Query Match
Best Local Similarity
Matches 19; Conserv
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SEQ ID NO 319
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NUMBER OF EG LD NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/U804/13456
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/444,853
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                        NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                       OTHER INFORMATION: n stands for thymidine
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ORGANISM: Artificial Sequence
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                                                                                                                    NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (19)..(19)
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LOCATION: (16)..(18)
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LOCATION: (12)..(15)
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NAME/KEY: misc_feature
LOCATION: (11)..(11)
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LOCATION: (10)..(10)
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FILING DATE: 2003-10-23
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695 TGGATTTTGTGGCTTCAAT 713 Conservative

1.2%; Score 19; DB 1; Length 21 100.0%; Pred. No. 1.8e+02; tive 0; Mismatches 0; Indels

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MUNBER OF SEO ID NOS: 374
SOPTHARE: PatentIn version 3.3
SEO ID NO 320
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: Chordita, Bharti
TITLE OF INVENTION: Short Interfering Muclaic Acid (sikk)
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PRIOR APPLICATION NUMBER: US 10/757,803
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LOCATION: (6)..(7)
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LOCATION: (5)..(5)
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NAME/KEY: misc_feature
LOCATION: (11)..(14)
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OCATION: (10)..(10)
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R APPLICATION NUMBER: US 10/693,059
R FILING DATE: 2003-10-23
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APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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b. US20050137155A1
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                                                              PERTURE: OTHER INFORMATION: Description of Artificial Sequence: sinh sense region
                                                                                                         ORGANISM: Artificial Sequence
              NAME/KEY: misc_feature
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US-10-861-060-320
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Best Local Similarity
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Publication No. US20050137155A1
SEQ ID NO 321
LENGTH: 21
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FILE REFERENCE. 400/160 (MERROH 272-4)
CURRENT EPHICOTION NUMBER: UB/10/861,060
CURRENT EPHICOTION NUMBER: UB 10/698,311
REION APPLICATION NUMBER: UB 10/698,311
                                      PRIOR APPLICATION KNMERR: PCT/US04/13456
PRIOR FILMS DATE: 2004-04-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Pacentin version 3.3
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OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
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LOCATION: (15)..(16)
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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OTHER INFORMATION: n stands for thymidine
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LOCATION: (17)..(19)
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR APPLICATION NUMBER: US 10/693,059
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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Chowrira, Bhara
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RESULT 483
US-10-861-060-322
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LENGTH: 21
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SOFTWARE: PatentIn version 3.3
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PRIOR APPLICATION WINDER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION WINDER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: McSwi
                                      NAME/KEY: misc_feature
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                                                                                                                                                                   OTHER INFORMATION: Description
                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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OTHER INFORMATION: n stands for thymidine
                         LOCATION:
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                                                                                      OTHER INFORMATION: 5'-3
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LOCATION: (21)..(21)
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FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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US-10-861-060-323

NAME/KEY: misc\_feature LOCATION: (21)..(21) FEATURE FEATURE:

OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity

OTHER INFORMATION: n stands for thymidine

LOCATION: (20)..(21) OTHER INFORMATION: 5'-3 FEATURE: NAME/KEY: misc\_feature LOCATION: (1)..(1)

OTHER INFORMATION: Description of Artificial Sequence: sinA sense region

attached terminal deoxyabasic moeity

FEATURE:

ORGANISM: Artificial Sequence

ENGTH: 21

Query Match Best Local Similarity

1.24;

Score 19; Pred. No.

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OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
US-10-861-060-322
                                                                                                                                                                                                                                 PRIOR FILMM DATE 2003-11-24
PRIOR FILMM DATE 2003-10-39
PRIOR FILMM DATE 2003-10-39
PRIOR FILMM DATE 2003-10-39
PRIOR FILMM DATE 2003-08-39
PRIOR PRICHM MARGER PROT/1803/05346
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SEQ ID NO 323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                      SOFTWARE: PatentIn version 3.3
                                            Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
                                                                                                                         PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPICANT: Meskiggen, James
APPICANT: Meskig, beer
TITLE OF INVESTION: BAN Interference Mediated Transmath of Berkinson Disease Valug
TITLE OF INVESTION: BAN Interference Mediated Acid (sIAN)
TITLE OF INVESTION: BAN Interference Mediated Acid (sIAN)
TITLE OF INVESTION: BOTH INTERFERENCE ACID (SIAN)
                                                                                                        PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sirna Therapeutice,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (21)...(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             390 ATATGCCTGTGGATCCTGA 408
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Pred. No.
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                                                                       See File Wrapper or PALM
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Matches

Conservative

6; Mismatches

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Indels

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Gaps

US-10-861-060-325

391 TATGCCTGTGGATCCTGAC 409

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NUMBER OF SEQ 10 NOS: 174
SOFTMARE: Patentin version 3.3
SEQ 10 NO 344
LEMOTE: 2.1
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                                                                                      Query Match
Best Local Similarity
Matches 15; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Chooritz, Bharat
TITLE OF INVENTION: RBA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sixA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (21) . (21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                          LOCATION: (20)..(21)
OTHER INFORMATION: n stands
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
                                                                                                                                                                                                                                                                       FEATURE:
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RAPLICATION UNMERS: PCT/US03/05346

FILING DATE: 2003-02-20

RAPLICATION NUMBERS: PCT/US03/05038

FILING DATE: 2003-02-20

FILING DATE: 2003-03-20

RAPPLICATION NUMBERS: US 10/698311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 10/720,448
FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
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                                        424 AATGCCTTCTGAGGAAGGG 442
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1 AAUGCCUUCUGAGGAAGGG 19
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Haeberli, Peter
Chowrira, Bharat
                                                                                           Conservative
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                                                                                                             78.9%;
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                                                                                                             Score 19; DB 1; Length 21;
Pred. No. 1.8e+02;
                                                                                           Mismatches
                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           siNA sense region
                                                                                           0
                                                                                           Gaps
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US-10-861-060-325
                                                                    US-10-861-060-326
                                                                                           RESULT 487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.3
SEQ ID NO 325
LENGTH: 21
    GENERAL INFORMATION:
                           Sequence 326, Application US/10861060 Publication No. US20050137155A1
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Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374

TYPE: RNA

FEATURE:

OTHER INFORMATION: 5'-3 OTHER INFORMATION: Description ORGANISM: Artificial Sequence

attached terminal deoxyabasic mosity

of Artificial Sequence:

siNA sense region

OTHER INFORMATION: n stands NAME/KEY: misc teature NAME/KEY: misc\_feature LOCATION: (1)..(1)

for thymidine

(20) . . (21)

LOCATION: (21) .. (21) NAME/KEY: misc\_feature PEATURE LOCATION:

Matches Query Match

Local Similarity

; Score 19; DB ; Pred. No. 1.8e 7; Mismatches

1.8e+02; Length 21 Indels

ç Gaps 0

Conservative 1.21;

675 AGCAGGGTCTTTGTGTGCT 693 AGCAGGGUCUUUGUGUGCU 19

APPLICANT: Sirna Therapeutics, Inc APPLICANT: McSwiggen, James

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GENERAL INFORMATION
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Publication No. US20050137155A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF NEWSYTON: NAN. Interference Mediated Treatment of Parkinson Disease Using TITLE OF NEWSYTON: Short Interfering Nucleic Acid (siXA) FILE REFERENCE: 60(162 MeMBHA-137-A) 60 COMPAND PAPLICATION MEMBER: 05/10/66/01
PRICE PILING DATE: 2003-02-20
PRICE APPLICATION NUMBER: US 10/698311
PRICE PILING DATE: 2003-10-31
PRICE APPLICATION NUMBER: PCT/US04/13456
PRICE PILING DATE: 2004-04-3
                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILINS DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
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APPLICANT: McSwiggen, James
                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                 PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2003-10-31
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Chowrira, Bharat
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Chowrira,

Peter Bharat

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US-10-861-060-327
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                                                                                                                                                                                                                    GENERAL INFORMATION:
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Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
              TITIE OF INVENTION: RAW Interference Mediated Treatment of Farkinson Disease Using TITIE OF INVENTION: Short Interfering Nucleic Acid (six) FITE REFERENCE: 400/662 (MRHS0+372-A) GROWN APPLICATION NUMBER: 185/10/661, 600
                                                                                                            APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Habberli, Peter
APPLICANT: Chowrira, Bharat
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SOFTWARE: PatentIn version 3.3
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US :
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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FILE REFERENCE: 400/162 (MBH804-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KRY: misc feature
LOCATION: (21): (21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2003-05-23
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LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                        1 GUGGAUUUUGUGGCUUCAA 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      conservative
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2004-06-03
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GENERAL INFORMATION:

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APPLICANT: McSwiggen, James APPLICANT: Haeberli, Peter APPLICANT: Chowrira, Bharat APPLICANT: Sirna Therapeutice,

TITLE OF INVENTION DAN Interference Mediated Treatment of Parkinson Disease Using
TITLE SETMENT: 040/45 (Memos-172-A)
CURBENT PARLICULTUS Memos-172-A)
CURBENT PARLICULTUS Memos-172-A)
CURBENT PARLICULTUS MEMOSE: USI/10/451.040
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APPLICATION NUMBER: US 10/720,448

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Sequence 328, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                      Matches
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NUMBERS OF SEG DI NOS: 374
SOPTWARE: Patentin version 3.3
SEQ ID NO 327
                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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LOCATION: (21)..(21)
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NAME/KEY: misc_feature
LOCATION: (20)..(21)
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US03/05346
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
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PRION APPLICATION NUMBER: US 10/698311
PRION FILING DATE: 2003-10-31
PRION APPLICATION NUMBER: PCT/US04/13456
PRION FILING DATE: 2004-04-30
PRION FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR FILING DATE: 107.444,853
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RIOR FILING DATE: 2003-10-23
REIOR APPLICATION NUMBER: US 10/693,059
REIOR APPLICATION NUMBER: US 10/693,059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION UNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Muchale Acid (sink) PTICE REPERENCE: 400/52 (MURIO4-372-A) CURRENT APLICATION UNDERS: US/2/0/651,060
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SOFTWARE: PatentIn version 3.3
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PRIOR PILING DATE: 2004-01-14
PRIOR APPLICATION WINNER: US 10/720,448
PRIOR FILING DATE: MINNER: US 10/693,059
PRIOR APPLICATION WINNER: US 10/693,059
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (1)...(1)
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FILING DATE: 2003-05-03
APPLICATION NUMBER: ECT/US03/05346
FILING DATE: 2003-02-20
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                                                                    APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
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Chowrira, Bharat
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                                                                                                                                                                                 PEGGO FILING DATE: 2002-11-24
PEGGO FILING DATE: 2002-11-24
PEGGO APPLICATION MORBER: UR 10/631, 695
PEGGO APPLICATION MORBER: UR 10/644, 695
PEGGO APPLICATION MORBER: DET 1002-10-21
PEGGO APPLICATION MORBER: PETT 1002-11-11-11
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Publication No. US20050137155A1
                    SEQ ID NO 330
LENGTH: 21
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APPLICANT: McSwi
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PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                 SOFTWARE: PatentIn version 3.3
                                                                                                                   Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-01-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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hes 19; Conserv
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Chowrira, Bharat
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2004-06-03

See File Wrapper or PALM

Conservative

o, Mismatches

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Gaps 0

100.0%;

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PRIOR NEPLICATION NUMBER: PCT/RSD1/05028
PRIOR FILLING DAME: 2003-06-2
PRIOR PRIOR PRIOR NORTH: 2003-06-2
PRIOR PR
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                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
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Score 19;
Fred. No.
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                 DB 1; Length 21
1.8e+02;
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PRIOR APPLICATION KUMBER, US 10/826,966
PRIOR FILMS DATE: 2004-04.56
PRIOR APPLICATION KUMBER, US 10/757,803
PRIOR FILMS DATE: 2004-01.41
PRIOR MAPPLICATION KUMBER, US 10/720,448
PRIOR MAPPLICATION KUMBER, US 10/83,059
PRIOR MAPPLICATION KUMBER, US 10/63,059
PRIOR MAPPLICATION KUMBER, US 10/63,059
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SEQ ID NO 331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 331, Application US/10861060
Publication No. US20050137155A1
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                                                                                                                                                                                                                                                                                  Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR PILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 (MEMB04-372-A)
FEATURE:
                                                         NAME/KEY: misc feature
                                                                                                              OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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                                                LOCATION: (20)
                                                                                                FEATURE
                                                                                                                                           FEATURE:
                                                                                                                                                              ORGANISM: Artificial Sequence
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                                                                                                                                                                                                          LENGTH: 21
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LOCATION: (20)..(20)
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NAME/KEY: misc_feature
LOCATION: (20)..(21)
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ORGANISM: Artificial Sequence
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                   for thymidin
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US-10-861-060-332/c
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                                                                           GENERAL INFORMATION:
                                                                                          Sequence 332, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                                                                                                              Matches 19;
                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                    APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                         391 TATGCCTGTGGATCCTGAC 409
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100.0%; Pred. No.
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Parkinson Disease Using

TITLE OF INVESTIGAN SAN INDEFENENCE MEDIATED FROM CO PARTITION OF THE PROPERTY PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028

SOFTWARE: PatentIn version 3.3 Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30 PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/134

SEQ ID NO 332 TYPE: RNA

OTHER INFORMATION: Description of Artificial Sequence: PEATURE: ORGANISM: Artificial Sequence FEATURE: siNA antisense region

OTHER INFORMATION: n stands for thymidine PEATURE NAME/KEY: misc\_feature LOCATION: (20)..(21)

US-10-861-060-332 OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage NAME/KEY: misc\_feature LOCATION: (20)..(20)

Query Match Best Local S Matches 424 AATGCCTTCTGAGGAAGGG 442 Similarity Conservative 100.0%; 0 Score 19, Pred. No. Mismatches 1.8e+02 Length 21 Indels

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19 AATGCCTTCTGAGGAAGGG 1

NAME/KEY: misc\_feature LOCATION: (20)..(20)

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US-10-861-060-333/c
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Publication No. US20050137155A1
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                                                                                                                                                                                                  GENERAL INFORMATION:
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NUMBER OF SEQ ID NGS: 374
SOPTWARE: Patentin version 3.3
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PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR PRILING DATE: 2004-04-30
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Haeberli, Peter APPLICANT: Chowring, Bharat
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APPLICANT: McSwiggen, James
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                                        APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                         APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Phosphorothicate 3'-Internucleotide Linkage
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LOCATION: (20)..(20)
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APPLICATION NUMBER: US 10/693,059
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100.0%; Pred. No. 1.8e+0
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Publication No. US20050137155A1
GENERAL INFORMATION
APPLICANT: Sirna Therapeutics, Inc.
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                THOM: RPLICATION INSUES: US 10/698,311
PRIOR TILING DAY: 0003-10-31
PRIOR REVITATION INSUES: US 10/826,966
PRIOR RILING DAYE: 0004-04-56
PRIOR RILING DAYE: 0004-04-56
PRIOR RILING DAYE: 0004-01-14
PRIOR RILING DAYE: 
                                                                                                                                                                                                                                                                                           THIS OF DIMERTICAL NAM Interference Mediated Treatment of Parkinson Disease
TILE OF PURPHICUS. Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/169 (MERRO-L-172-A)
CURRENT PARLICHTON NUMBER: US/10/651.060
CURRENT FILIDE DIVIS. 2004-06-03.
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McSwiggen, James Haeberli, Peter Chowrira, Bharat

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US-10-861-060-334
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SEQ ID NO 334
LENGTH: 21
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PRIOR FILING DATE: 2004-04-16
PRIOR RPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2003-10-31
                                                                                                                 LOCATION: (20)...(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                                                                                                                                                                                         OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                                                                                                                     NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
               Local Similarity
Conservative
                    100.0%;
                    1.2%; Score 19; DB 1;
00.0%; Pred. No. 1.8e+C
0
red. No. 1.8e+02
Mismatches 0
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                                              Length 21;
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PRIOR FILING DATE: 2004-04-30 PRIOR APPLICATION NUMBER: PCT/US04/13456

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US-10-861-060-336/c
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                  PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowriza, Bharat
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Publication No. US20050137155A1
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Best Local Similarity
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-01-14
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APPLICANT: Chortia, Bhard
TITLE OF IMPENTION: RAA Interference Mediated Treatment of Parkinson Disease Using
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/693,059
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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FILING DATE:
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2003-10-3
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100.0%; Pred. No. 1.8e+
ative 0; Mismatches
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COMMENT APELCATION NUMBER: M20.64.00.60.00

STORM APELCATION NUMBER: M2 10.66.01

BETSEN APELCATION NUMBER: M2 10.675.40.01

BETSEN BETJING LOWER 2001-01.34 10.75.40.01

BETSEN BETJING LOWER 2001-01.34 10.75.40.01
                                                                        SEQ ID NO 337
LENGTH: 21
TYPE: RNA
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APPLICANT: Sirna Therapeutics,
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TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)

APPLICANT:

APPLICANT: APPLICANT:

McSwiggen, James Haeberli, Peter Chowrira, Bharat

Application US/10861060 US20050137155A:

PRIOR APPLICATION NUMBER: PCT/MS04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
OOFTWARE: Patentin version 3.3

See File Wrapper or PALM

OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region

FEATURE:

ORGANISM: Artificial Sequence

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31

PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346

APPLICATION NUMBER: US 10/444,853

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RESULT 498
US-10-861-060-337/c
                                                                                                                                                                                                                              / OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
US-10-861-060-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.3
SEQ ID NO 336
                                                                                                                                                    Matches
                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (20)..(20)
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                                                                                                                                                Local Similarity 100
les 19; Conservative
                                                                                                             1337 TTCAATCCTGTCAATGTTT 1355
                                                                      TTCAATCCTGTCAATGTTT 1
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                                                                                                                                                                100.01,
                                                                                                                                                                    1.2%; Score 19; DB 1; 100.0%; Pred. No. 1.8e+02
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                                                                                                                                                                                       Length 21
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                                                                                                                                                Gaps
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Page 215

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APPLICAN: VOENINGEN. James
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APPLICANT: Membril: Pecc.
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Publication No. US20050137155A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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LOCATION: (1)..(1)
OTHER INFORMATION: 5'-3
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (21)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (15)..(15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                325 CTTTGTCAAAAAGGACCAG 343
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0; Mismatches
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SOPTWARE: PatentIn version 3.3
SEQ ID NO 338
LENGTH: 21
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PRIOR FILMS LOATE: 2003-02-20
PRIOR MPLICATION NUMBER: POT/U803/05028
PRIOR FILMS LOATE: 2003-02-20
PRIOR PLICATION NUMBER: UB 10/698311
PRIOR APPLICATION NUMBER: UB 10/698311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEGES FILING DATE: 2005-10-31
PRICES PALLING DATE: 2006-10-31
PRICES FILING DATE: 2006-04-30
REMINITED FILING DATE: 2006-10-31
REMINITED FILIN
                                                                                                                                                                                            FENTURE:
OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
                                                                                                                     FEATURE:
AME/KEY: misc_feature
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IOCATION: (1)..(2) OTHER INFORMATION: 2'-deoxy-2'-fluoro

LOCATION: (3)..(6)
OTHER INFORMATION: 2'-0-methyl NAME/KEY: misc\_feature OTHER INFORMATION: 5'-3 NAME/KEY: misc\_feature LOCATION: (1)...(1) PEATURE PEATURE OCATION: attached terminal deoxyabasic moeity

PEATURE: NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro LOCATION: (10) LOCATION: NAME/KEY: misc\_teature

OTHER INFORMATION: 2'-deoxy-2'-fluoro LOCATION: (11) NAME/KEY: misc\_feature OTHER INFORMATION: 2'-O-methyl . (11)

OTHER INFORMATION: 2'-deoxy-2'-fluoro COTHER INFORMATION: 2'-0-methyl NAME/KEY: misc\_feature NAME/KEY: misc\_feature LOCATION: (15)..(15) NAME/KEY: misc\_feature LOCATION: (12)..(14)

PEATURE

OTHER INFORMATION: 2'-deoxy-2'-fluoro FEATURE: misc\_feature LOCATION: (17)..(17) OTHER INFORMATION: 2'-0-methyl

LOCATION:

FEATURE: NAME/KEY: misc\_feature LOCATION: (18)..(18)

NAME/KEY: misc\_feature OTHER INFORMATION: 2'-deoxy-2'-fluoro FEATURE: NAME/KEY: misc\_feature LOCATION: (19)..(19) OTHER INFORMATION: 2'-0-methyl

PEATURE OTHER INFORMATION: n stands LOCATION: (20)..(21) for thymidine

NAME/KEY: misc\_feature
LOCATION: (21): (21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity

US-10-861-060-338

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US-10-861-060-339/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SCTTWARE: PatentIn version 3.3
SEQ ID NO 339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Remaining Prior Application data removed - 
NUMBER OF SEQ ID NOS: 374
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CHREST MELLOCATION ANNOMANICA (MIXX)
CHREST MELLOCATION ANNOMANICA (MIXX)
GERRAT FILLING DATE: 2004-06-10 (MIX.)
RELUM ANTI-LOTION ANNOMANICA (MIXX)
RELUM ANTI-LOTION ANNOMANICA (MIXX)
RELUM ANTI-LOTION (MIXX)
REL
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR PILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR PILING DATE: 2004-01-14
                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (4). (7)
OTHER INFORMATION: 2'-0-methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sirna Therapeutics,
LOCATION: (8)..(10)
                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-0-methyl
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                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                         FEATURE:
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LOCATION: (1)..(1)
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LOCATION: (1)..(1)
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Chowriza, Bharat
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ilarity 100.0%; Pred. No. 1.8e+0
Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         attached terminal deoxyabasic moeit;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 21;
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PRICE APPLICATION INDEE: US 10/698,311
PRICE FILME DATE 2003-10-31
PRICE APPLICATION MANNER: US 10/626,966
PRICE FILME DATE: 2004-04-15
PRICE PRICE FILME DATE: 2004-07-18
PRICE PRICE FILME DATE: 2004-07-18
PRICE PRICE PRICE 2004-07-18
PRICE PRICE 2004-

PRIOR

APPLICATION NUMBER: US 10/693,059 FILING DATE: 2003-10-23 APPLICATION NUMBER: US 10/444,853 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 APPLICANT:

APPLICANT:

McSwiggen, James Haeberli, Peter Chowrirs, Bharat

APPLICANT: Sirns Therapeutics,

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 (MBHB04-372-A)

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US-10-861-060-340/c
                                                                                                                                                                                                                                                                                                              US-10-861-060-339
GENERAL INFORMATION:
                                                                                                                                                                                                                      Query Match 1.2%; Score 19; DB
Best Local Similarity 100.0%; Pred. No. 1.:
Matches 19; Conservative 0; Mismatches
                Sequence 340, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (21)...(21)
                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: misc_feature
LOCATION: (19)..(19)
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LOCATION: (18)..(18)
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LOCATION: (17)..(17)
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LOCATION: (16)..(16)
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                                                                                                                                                                        391 TATGCCTGTGGATCCTGAC 409
                                                                                                                                          19 TATGCCTGTGGATCCTGAC 1
                Application US/10861060
No. US20050137155A1
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                                                                                                                                                                                                                          Indels
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RESULT 502
US-10-861-060-341/c
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                 Sequence 341, Application US/10861060 Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                  Matches
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ORGANISM: Artificial Sequence
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sixx) TITLE SERENCE: ACO/LS (MEMBO-171-X)
                                                                                     APPLICANT:
                                                                                                                           APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
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OTHER INFORMATION: 2'-0-methyl
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LOCATION: (1)..(1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
LOCATION: (21)..(21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: n stands for thymidine
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LOCATION: (20)..(21)
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LOCATION: (18)..(19)
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LOCATION: (17)..(17)
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                                                                    Chowrira, Bharat
                                                                                     McSwiggen, James
Haeberli, Peter
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                                                                                                                                                                                                                                                                                                                                                                                  1.2%; Score 19; DB 1; L4
100.0%; Pred. No. 1.8e+02;
ive 0; Mismatches 0;
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/693,059
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ICCATION: (1)..(2)
OTHER INFORMATION: 2'-O-methyl
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OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
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                                                       OTHER INFORMATION: 2'-O-methyl
                                                                                                                                        OTHER INFORMATION: 2'-deoxy-2'-fluoro
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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OTHER INFORMATION: 2'-O-methyl
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LOCATION: (4)..(4)
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                                                                                NAME/KEY: misc_feature
LOCATION: (17)..(17)
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LOCATION: (13)..(16)
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                     NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                  (8)
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LOCATION: (18) . . (19)

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PRIOR APPLICATION NUMBER: US-10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: 2003-10-31
PRIOR FILING DATE: 2004-4.5
PRIOR FILING DATE: 2004-4.5
PRIOR FILING DATE: 2004-9.15
PRIOR FILING DATE: 2004-9.14
PRIOR FILING DATE: 2004-9.15
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR PILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVESTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVESTION: Short Interfering Nucleic Acid (siNA)
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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                                                                  NAME/KEY: misc feature
LOCATION: (1)...(1)
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LOCATION: (1)..(2)
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                        OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                    FEATURE:
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EATURE:
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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Chowrira, Bharat
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100.0%; Pred. No.
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. 1.8e+02;
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US-10-861-060-343/c
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Publication No. US20050137155A1
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                                                                                                                           CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                            TITLS OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinh) PILE REFERENCE: 400/162 (MBHB04-372-A)
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,446
PRIOR FILING DATE: 2005-11-24
                                                                                                      PRIOR APPLICATION NUMBER: US 10/826,966
                                                                                                                                                                                                                                                                            APPLICANT: Chowrira, Bharat
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LOCATION: (18)..(18)
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LOCATION: (20)..(21)
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LOCATION: (15)..(17)
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LOCATION: (11)..(14)
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LOCATION: (10)..(10)
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LOCATION: (9)..(9)
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LOCATION: (7)...(8)
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LOCATION: (3)..(6)
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Haeberli, Peter
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PRIOR APPLICATION NUMBER: US 10/693,059

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US-10-861-060-343
Query Match 124; Score 19; DB 1; Leght 21;
Best Local Similarity 100.0%; Pred. No. 18e+02;
Matches 19; Conservative 0; Mismatches 0; Indels
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SEQ ID NO 343
LENGTH: 21
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PRIOR FILING LANTE: 2003-02-20
PRIOR RPILING LANTE: 2003-02-20
PRIOR TILING LANTE: 2003-02-20
PRIOR PLILAMION NUMBER: US.10/698311
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PRIOR PLIAM DATE: 2004-04-30
RRIOR PLIAM DATE: 2004-04-30
Kemalining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 374
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                                                                                                        OTHER INFORMATION: 3'-3
                                                                                                                              NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (16)..(18)
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OTHER INPORMATION: 2'-deoxy-2'-fluoro
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SEQ ID NO 344
LENGTH: 21
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCTUS04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/826,966
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             NAME/KEY: misc_feature
LOCATION: (8)..(9)
OTHER INFORMATION: 2'-0-methyl
                                                                                               OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                          NAME/KEY: misc_testure
LOCATION: (6)..(7)
                                                                                                                                                                                         OTHER INFORMATION: 2'-O-methyl
                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (5)..(5)
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LOCATION: (4). (4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (1)..(1)
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OTHER INFORMATION: 2'-0-methyl
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APPLICATION NUMBER: US 10/720,448
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attached terminal deoxyabasic moeity

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US-10-861-060-344/C
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                                                                                                                                                                                                                                                          Publication No. US20050137155A
PILE REPERENCE: 400/162 (MBHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
                                                                  TITLE OF INVENTION: Short Interfering Nucleic Acid FILE REFERENCE: 400/162 (MBHB04-372-A)
                                                                                                                                                                                                      APPLICANT: Sirna Therapeutics,
                                                                                                                 TITLE OF INVENTION: RNA Interference Mediated Treatment
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                                                                                                   ment of
                                                                                                                          Parkinson Disease Using
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PRIOR PEPLICATION NUMBER: pcT/1803/05346
PRIOR PEPLICATION NUMBER: pcT/1803/05028
PRIOR PEPLICATION NUMBER: pcT/1803/05028
PRIOR PEPLICATION NUMBER: pcT/1803/15028
PRIOR PEPLICATION NUMBER: pcT/1803/13456
PRIOR PEPLICATION NUMBER: pcT/1803/13456
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Best Local Similarity
Matches 19; Conserv
SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Publication No. US20050137155A1
                                         Remaining Prior Application data removed 
NUMBER OF SEQ ID NOS: 374
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PRIOR PELCATION NUMBERS US 10/826,986
PRIOR FILMA DATE: 2000-04-16
PRIOR PILLMA DATE: 2000-04-16
PRIOR PILLMA DATE: 2008-114
PRIOR PILLMA DATE: 2008-114
PRIOR RILMA DATE: 2007-114
PRIOR FILMA DATE: 2007-114
PRIOR FILMA DATE: 2007-114
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                           PRIOR
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OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity
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LOCATION: (20)..(21)
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OTHER INFORMATION: 2'-O-methyl
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LOCATION: (17)..(19)
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LOCATION: (15)..(16)
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LOCATION: (10)...(10)
OTHER_INFORMATION: 2'-deoxy-2'-fluoro
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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                  PatentIn version 3.3
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Chowrira, Bharat
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ilarity 100.0%; Pred. No. 1.8e+
Conservative 0; Mismatches
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                                                      See File Wrapper or PALM
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CURRENT PERICOTON MONRE: UNI/A/64,060
CURRENT PELICON PROFIT: 2004-6-6-1
REIGH PELICONICON MONRE: UNI/A/64,061
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SEQ ID NO 346
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Best Local
                    SOFTWARE: PatentIn version 3.3
                                                  Remaining Prior Application data removed - 
NUMBER OF SEQ ID NOS: 374
                                                                                                                                        PRIOR FLING DATE: 2003-05-23

PRIOR FLING DATE: 2003-05-26

PRIOR FLING DATE: 2003-02-20

PRIOR FLING DATE: 2003-02-20

PRIOR FLING DATE: 2003-02-20

PRIOR FLING DATE: 2003-02-20

PRIOR FLING DATE: 3003-02-20

PRIOR FLING DATE: 2003-03-10-31
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PRIOR PILCATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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                                                                                               PRIOR FILING DATE: 2004-04-30
                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US04/13456
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TYTLE OF INVENTION: Short Interfering Nucleic Acid
FILE REFERENCE: 400/152 (MBHB04-372-A)
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APPLICANT: Chowring, Bharat
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100.0%; Pred. No.
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                                                                 See File Wrapper or PALM
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OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region

FEATURE:

ORGANISM: Artificial Sequence NAME/KEY: misc\_feature FEATURE:

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Best Local :
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SEQ ID NO 347
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PRIOR FILING DATE: 2004-01-14
PRIOR PRIORATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2004-04-16
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LOCATION: (21)..(21)
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LOCATION: (20)...(21)
OTHER INFORMATION: n stands
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/0534
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               LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
                                                    NAME/KEY: misc_feature
LOCATION: (20)..(21)
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosit)
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FILING DATE: 2003-10-23
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Best Local Similarity
Matches 19; Conserv
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MARCH MELLING MARES ADMOSTOS 2-11

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Query Match
Best Local Similarity
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LOCATION: (20)..(21)
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391 TATGCCTGTGGATCCTGAC 409 19 TATGCCTGTGGATCCTGAC 1 Conservative 0; Mismacches 0; Indels 0

APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James 348, Application US/10861060 US20050137155A3

CURRENT APPLICATION NUMBER: US/10/861,060 RPIJCANT: Hackrii, Peter APPIJCANT: Chortza, Bhart ATTILS OF INVESTICE: Short Inserterance Mediated Treatment of Parkinson Disease Using TITLE OF INVESTICE; Short Insertering Nucleic Acid (siNa) FILE REFERENCE: 400/162 (MBHB04-372-A)

CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31 APPLICATION NUMBER: US 10/826,966

PRIOR FILING DATE: 2004-04-16
PRIOR PELICATION NOMERR: US 10/757,803
PRIOR REPLICATION NOMERR: US 10/750,803
PRIOR REPLICATION NUMERR: US 10/720,448
PRIOR REPLICATION NUMERR: US 10/693,059
PRIOR REPLICATION NUMBER: US 10/693,059 PRIOR FILING DATE: 2003-10-23

ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region FEATURS:

attached terminal deoxyabasic moeit)

NAME/KEY: misc\_feature (21) tor thymidine

; OTHER INFORMATION: 3'-3 attached terminal decxyabasic moeity US-10-861-060-348 Score 19; Pred. No. DB 1; Length 21 1.8e+02;

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US-10-861-060-349
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                                                                                       Matches
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SEQ ID NO 349
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NUMBER OF SEQ ID NOS: 374
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 (MBHB04-772-8)
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NAME/KEY: misc_feature
LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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NAME/KEY: misc feature
LOCATION: (1)..(1)
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                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
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                                                                                                    Local Similarity
                                               675 AGCAGGGTCTTTGTGTGCT 693
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100.0%; Pred. No. 1.8e+4
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Mismatches 0;
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                                                           US-10-861-060-351/c
                                                                              RESULT 512
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                  GENERAL INFORMATION:
                            Sequence 351, Application US/10861060 Publication No. US20050137155A1
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Best Local
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APPLICANT: Sirna Therapeutics, Inc
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PRIOR MPRICATION NUMBER; US 10/244,966
PRIOR MPRICATION NUMBER; US 10/75,00)
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PRIOR MPRICATION NUMBER; US 10/75,00)
PRIOR PRIOR NUMBER; US 10/70,448
PRIOR PRIOR NUMBER; US 10/81,059
PRIOR PRICAGO NUMBER; US 10/81,059
PRIOR PRICAGO NUMBER; US 10/444,853
PRIOR MPRICATION NUMBER; US 10/444,853
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Publication No. US20050137155A1
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SOFTWARE: Patentin version 3.3
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CURRENT FILING DATE: 2004-06-03
                                                                                                                                                                                                                            OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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Chowrira, Bharat
                                                                                                      Conservative
                                                                                                                                 100.0%;
                                                                                                                           1.2%; Score 19; DB 1; Length 21
100.0%; Pred. No. 1.88+02;
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APPLICANT: McSwiggen, James

Haeberli, Peter

APPLICATION NUMBER: US 10/698,311

See File Wrapper or PALM

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US-10-861-060-352/c
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                                                                                                                                                                                                                  Sequence 352, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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NUMBER OF SEO ID NOS: 374
SOFTWARE: Pacentin version 3.3
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PC/U803/05346
PRIOR FILING DATE: 2003-02-20
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APPLICANT: Sina Therapoutie, inc.
APPLICANT: Sina Therapoutie, inc.
APPLICANT: Meadage, James
APPLICANT: APPLICATION NUMBER: MS/10/461,660
CRESENT PARISON: 2006-06-03
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: US 10/698,311
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 10/693,059
                                                                                                                                                                                                                                                                                                                                                                                        695 TGGATTTTGTGGCTTCAAT 713
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Pred. No. 1.8e+02;
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          SEQ ID NO 13
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/10991286A
Publication No. US20050186591A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                   TITLE OF INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE FILE REFERENCE: 17574-003001 CURRENT APPLICATION NUMBERS: US/10/991,286A CURRENT FILING DATE: 2004-11-17
                                                                                                                                                                                                                                                                                                       APPLICANT: Bumcrot, David
APPLICANT: Farrer, Matthew J.
APPLICANT: Maragenore, Demetrius M.
APPLICANT: Vornlocher, Hans-Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
                                                       NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                    PRIOR FILING DATE: 2003-06-09
                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US2004/18271
PRIOR FILING DATE: 2004-06-09
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                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/476,947
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APPLICATION NUMBER: US 10/757,803
FILING DATE: 2004-01-14
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100.0%; Pred. No. 1.8e+02;
tive 0; Mismatches 0;
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Length 21; Indels 0 Gaps 0

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US-10-991-286A-15
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        GENERAL INFO@MATCHS:
APELCONT: Bacter, Matchew J.
APELCONT: Bacter, Matchew J.
APELCONT: Bacter, Matchew J.
APELCONT: Bacter, Matchew J.
APELCONT: Machine June J.
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Publication No. US20050186591A1
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Best Local Similarity
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LENGTH: 21
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PRIOR APPLICATION NUMBER: PCT/US2004/1827
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/476,947
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PRIOR FILING DATE: 2004-06-09
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LOCATION: 20, 21
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ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature
LOCATION: 20, 21
OTHER INFORMATION: n = dT= deoxythymidine
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100.0%; Pred. No. 1.8e+02;
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84.2%; Pred. No. 1.8e+02;
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    Mismatches

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                                                                                                                                                                                RESULT 518
US-10-991-286A-19
                                                                GENERAL INFORMATION:
                                                                                                        Sequence 19, Application US/10991286A
Publication No. US20050186591A1
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APPLICANT: APPLICANT: Bumcrot,

Farrer, Matthew J

David

Local Similarity hes 19, Conserv 403 TCCTGACAATGAGGCTTAT 421

Conservative

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                                                    OTHER INFORMATION: n = dT= deoxythymidine
US-10-991-286A-16
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                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 16, Application US/10991286A
Publication No. US20050186591A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 21
                                                                                                                                                                                                                                                                            CURRENT REPLICATION NUMBER: US/10/991.286A
CURRENT ELLING DATE: 2004-01-11-17
PRICE REPLICATION NUMBER: ECT/US2004/18271
PRICE FILING DATE: 2004-06-09
PRICE FILING DATE: 2004-06-09
PRICE FILING DATE: 2004-06-09
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PRIOR APPLICATION NUMBER: U8 60/476,947
PRIOR FILING DATE: 2003-06-09
                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                   LOCATION: 20, 21
                                                                                                     NAME/KEY: misc_feature
                                                                                                                      FEATURE:
                                                                                                                                        OTHER INFORMATION: Primer
                                                                                                                                                      PEATURE:
                                                                                                                                                                                                             LENGIH: 21
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OTHER INFORMATION: n = dT= deoxythymidine
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OTHER INFORMATION: Primer
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1.2%; Score 19; DB 1; Length 21
100.0%; Pred. No. 1.8e+02;
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Pred. No. 1
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US-10-991-286A-20/c
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PRIOR APPLICATION NUMBER: US 60/476,947
PRIOR FILING DATE: 2003-06-09
NUMBER OF SED ID NOS: 51
SOFTMARE: PREFEEQ FOR WINDOWS Version 4.0
SEQ ID NO 19
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                                                                                 Query Match
Best Local Similarity
Matches 19; Conserv
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LENGTH: 21
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Publication No. US20050186591A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REPLICANT: MATEGANOS, DEMETTIUM M.
APPLICANT: VOTALONET, MANT-POLET
TITLE OF LEWERTION: METHOD OF TELETIVA NEUMODECEMENTIVE DISEASE
FILE REFERENCE: 1974-003001
CHERENT RAPLICATION NOBER: U8/10/991/286A
CHERENT FILHED DATE: 2004-11-7
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APPLICANT: Vorniocher, Hans-Peter
TITLE OP INVENTION: METHOD OF TREATING NEURODEGENERATIVE DISEASE
FILE REFERENCE: 17574-003001
                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/476,947
PRIOR PILLING DATE: 2003-06-09
NUMBER OF EGG ID NOS:
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US2004/18271
PRIOR FILING DATE: 2004-06-09
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LOCATION: 20, 21
OTHER INFORMATION: n = dT= deoxythymidine
                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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                                    451 CTACGAACCTGAAGCCTAA 469
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19 CTACGAACCTGAAGCCTAA 1
                                                                                     19; Conservative
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                                                                                                       1.2%; Score 19; DB 1; Length 21; 100.0%; Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.2%; Score 19; DB 1; Length 21;
84.2%; Pred. No. 1.8e+02;
ative 3; Mismatches 0; Indels
                                                                                     0; Mismatches
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APPLICANT: FERTEX: MATCHAW J.

APPLICANT: AREAGONORS, DEMERTION M.

APPLICANT: AREAGONORS, DEMERTION M.

FILE SEREMBERS: 1774-000001

FILE SEREMBERS: 1774-0000001

FILE SEREMBERS: 1774-000001

FILE SEREMBERS: 1774-0000001

FILE SEREMBERS: 1774-000001

FILE SEREMBERS: 1774-0000
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; NAME/KEY: misc feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = dT= deoxythymidine
US-10-991-286A-26
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Publication No. US20050186591A1 
GENERAL INFORMATION:
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Publication No. US20050186591A1
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SEQ ID NO 26
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CURRENT FLING NEES 2004-11-17
PRICE PLING NEES 2004-18-27
PRICE PLING DATE: 2004-06-09
PRICE PLING DATE: 2004-06-09
PRICE PLING DATE: 2005-06-09
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APPLICANT: Farrer,
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LOCATION: 20, 21
OTHER INFORMATION: n = dT= deoxythymidine
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Query Match 1.2%; Score 19; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 1.8e+02;

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PRIOR MPRICATION NORSE: US 60/35)144
PRIOR PILMO DETE. 2002-0-11
PRIOR PRICATION NORSE: US 60/36,782
PRIOR MPRICATION NORSE: US 60/36,782
PRIOR PILMO DATE: 2002-0-1-0
PRIOR PILMO DATE: 2002-
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; ORGANISM: Homo sapiens
US-10-845-667-1340
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Publication No. US20040219671A1
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Best Local Similarity 90.9%;
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Publication No. US20050026183A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT; Mobelli, Bharat Grane Wellsted Tratement of
Till De Investigation in the Company of Maclic Acid (sish)
File Represents; ACCV_270 (Memory-1994A)
GREENT FALL CONTON MOMER: MS/10/691,311
GREENT FILING MOMER: MS/10/691,311
GREENT FILING MOMER: MS/10/691,311
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PRIOR APPLICATION NUMBER: 60/471,488
PRIOR FILING DATE: 2003-05-15
NUMBER OF SEQ ID NOS: 1506
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                                  PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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APPLICANT: McSwiggen, James
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ID NOS: 310
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Pred. No. 1.
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US-10-698-311-192 RESULT 525

Matches Query Match

Local Similarity

100.0%;

0, Score 18; DB 1; Pred. No. 2.5e+

Mismatches 2.5e+02

0; Indels Length 19

0;

Gape

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7

18; Conservative

135 CAGGAAAGACAAAAGAGG 152

CAGGAAAGACAAAAGAGG 19

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense US-10-698-311-191
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                                                                                                                                             SOFTWARE: PatentIn version 3.2
SEQ ID NO 191
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Publication No. US20040219671A1
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SEQ ID NO 173
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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APPLICANT, Heddell, Peter
APPLICANT, Heddell, Peter
TITUS OF INVESTIGE, NAK Interference Mediated Treatment of
TITUS OF INVESTIGE, NAK Interference Declared Acid (SIAN)
TITUS REFERENCE, LOUIS DE
                                                                                                                                                                                          PRIOR FILING DATE: 2003-0:
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                      PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,125
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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                                                PEATURE:
                                                               ORGANISM: Artificial Sequence
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                                                                                                                     LENGTH: 19
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BB.9%; Pred. No. 2.5e+02
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Sequence 192, A Publication No.

Application US/10698311 o. US20040219671A1

INFORMATION

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; OTHER INPORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-698-311-192
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APPLIONT: Chorris, Bastefrence Mediated Treatment of Parkisson Disease
TILLS SET PROMITION. Short Interfering Models Acid (SINA)
TILL REFERENCE: 40071/31 (MBH051-1984)
TILL REFERENCE: 40071/31 (MBH051-1984)
TILL REFERENCE: 40071/31 (MBH051-1984)
THEREST FILMS DATE: 2007-10-317.
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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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SEXURE AND LOUTION NUMBERS: PCT/USO3/05028
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PRIOR PRILATE AND 10-20
PRIOR PRILATEN NUMBERS: US 60/363,124
PRIOR PRILATEN NUMBERS: US 60/363,124
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PRIOR PRILATEN NUMBERS: US 60/366,782
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APLICADM: Stima finesponitos, inc.
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PRIOR APPLICATION NUMBER: US 60/393,796
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FILING DATE: 2002-09-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 2002-09-05
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Pred. No. 2.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Parkinson Disease Using
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                                                                                                                                                                        SEQ ID NO 211
LENGTH: 19
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                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
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                                     PEATURE:
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OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-210
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PRICES APPLICATION NUMBER: US 6/1937.796
PRICES RILING DATE: 2022.07-29
PRICES RILING DATE: 2022.07-29
PRICES RILING DATE: 2022.07-29
PRICES REPLICATION NUMBER: US 6/1401.796
PRICES REPLICATION NUMBER: US 6/1401.796
PRICES REPLICATION NUMBER: US 6/1401.799
PRICES RILING DATE: 2022.09-19
PRICES RILIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.2
SEQ ID NO 210
LENGTH: 19
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                                                                                                                           Target Sequence/siNA sense
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Query Match 1.2%; Best Local Similarity 88.9%; Matches 16; Conservative 2 210 TGGCTGAGAAGACCAAAG 227 Score 18; Pred. No. Mismatches DB 1; Length 19 0

GENERAL INFORMATION: Sequence 211, Application US/10698311 APPLICANT: Haeberli, APPLICANT: Chowrira, APPLICANT: Sirna Therapeutics, 2 UGGCUGAGAAGACCAAAG 19 Bharat Inc

TITUR OF INVENTION: BNA Interference Modified Treatment of TITURE OF INVENTION: Short Interfering Muclaic Acid (six) File REFERENCE: 400/137 (MERRO):199-A) CURRENT FILTHS DATE: 4001-10-31 (MERRO):199-A) CURRENT FILTHS DATE: 4001-10-31 (MERCO):4001-401 (MERCO):4 PRIZOR FILING DATE: 2002-08-29
PRIZOR FILING DATE: 2002-08-29
PRICOR FILING DATE: 2002-09-05
PRICOR FILING DATE: 2002-09-05
PRICOR FILING DATE: 2002-09-09
PRICOR PELING DATE: 2002-09-09
PRICOR PELING DATE: 2002-09-09
PRICOR PELING DATE: 2002-09-05
PRICOR PELING DATE: 2002-01-15 PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06 FILING DATE: 2002-07-03 APPLICATION NUMBER: 60/399,348 FILING DATE: 2002-07-29 APPLICATION NUMBER: US 60/406,784 APPLICATION NUMBER: US 60/393,796 Parkinson Disease Using

TYPS: RNA ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense

US-10-698-311-213

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US-10-698-311-230/c
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                                                                                                                                                GENERAL INFORMATION
                                                                                                                                                                                      Sequence 230, Application US/10698311
Publication No. US20040219671A1
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APPLICANT
                                             APPLICANT:
                                                                            APPLICANT:
                                                                                           APPLICANT: Sirna Therapeutics, Inc
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SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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THE REFERENCE (MOVIN) Mediate 1-38 a.)
CHEMBER STATE (MOVIN) MEDIATE (MOVIN) MOVE (MOVIN) MOVIN (MOVIN) MOVE (MOVIN) MOVE (MOVIN) MOVIN (MOVIN) (MOVIN) MOVIN (MOVIN) (MOVIN) (MOVIN) (MOVIN) (MOVIN) MOVIN (MOVIN) (M
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PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-07-29
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hes 18; Conservation
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                              McSwiggen,
Haeberli,
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Hacberli, Peter
Chowrira, Bharat
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o. US20040219671A1
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Pred. No.
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US-10-698-311-248/c
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PRIOR FILING DATE: 2003-02-20
PRIOR PRICING HUMBER: US 60/359.580
PRIOR FILING DATE: 2002-02-20
PRIOR PRICING PLING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR PRICING DATE: 2002-06-06
PRIOR PRIOR PRICING DATE: 2002-06-06
PRIOR PRIO
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PRIOR PRIORICATION NUMBER: US 60/20,796
PRIOR PRIORICATION NUMBER: US 60/20,794,340
PRIOR PRIORICATION NUMBER: US 60/40,394
PRIOR PRIORICATION NUMBER: US 60/40,394
PRIOR PRIORICATION NUMBER: US 60/40,394

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Trail of Invarious MA Interference Mediated Trail of
TITLE OF Invarious MA Interference Mediated Acid (sixk)
TITLE REPRESENTATION AND MEMBERS ($1,000,000)
CURRENT FAIL OF AND MANUSER ($1,000,000)
CURRENT FAIL OF AND MANUSER ($1,000,000)
TITLE APPLICATION MANUSER ($1,000,000)
TOTAL OF AND MANUSER ($1,000,000,000)
TOTAL OF AND MANUSER ($1,000,000,000)
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Publication No. US20040219671A1
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LENGTH: 19
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                                        PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-06-06
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FILING DATE: 2002-08-29
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, Pred. No. 2.5e+02;
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APPLICATION

US 60/408,378

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US-10-861-060-173
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                                                                                                US-10-861-060-173
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Publication No. US20050137155A1
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                                                                                                                                                                                                                                              SEQ ID NO 173
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR PLING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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SOFTWARE: PatentIn version 3.2
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ORGANISM: Artificial Sequence
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                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                       ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                         LENGTH: 19
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APPLICATION NUMBER: PCT/US03/05028
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Chowrira, Bharat
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1.2%; Score 18; DB 1; Length 19;
88.9%; Pred. No. 2.5e+02;
ative 2; Mismatches 0; Indels
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Best Local Similarity
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US-10-861-060-191
                                                                                              GENERAL INFORMATION
                                                                                                                     Sequence 191, Appropriate Publication No.
APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                   116 CAGGGTGTGGCAGAAGCA 13:
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                                                                                                                     Application US/10861060 
o. US20050137155A1
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03 

PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: PCT/US03/05346 APPLICATION NUMBER: US 10/698311

Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 2004-04-30 PCT/US04/13456 See File Wrapper or PALM

SOFTWARE: PatentIn version 3.3 SEQ ID NO 191 ENGTH: 19

OTHER INFORMATION: Description of Artificial Sequence: ORGANISM: Artificial Sequence FEATURE: Target Sequence/sina

sense

US-10-861-060-191 Score 18; Pred. No. DB 1; Length 19;

135 CAGGAAAGACAAAAGAGG 152 N CMGGAAAGACAAAAGAGG 19

Conservative

0

Indels

0 Gaps 0

100.0%;

US-10-861-060-192 Sequence 192, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:

APPLICANT, Hasherii, Peter
APPLICANT, Chorita, Bharat
TITLE OF INVENTION: BAN Interference Mediated Teatment of Parkinson Disease Using
TITLE OF INVENTION: SOAT Interference Mediate Acid (slAb)
PLITE OF INVENTION: SOAT DE APPLICANT: APPLICANT: Sirna Therapeutics, McSwiggen, James

CURRENT FILING DATE: 2004-06-03

Local Similarity 88.: hes 16; Conservative

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Gaps

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US-10-861-060-210
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SEQ ID NO 192
LENGTH: 19
                                                                                                                                                                          PRIOR
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                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR PILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/162 (MSHS04-372-A)
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APPLICANT: Haeberli,
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PRIOR APPLICATION NUMBER: PCT/US04/13450
PRIOR FILING DATE: 2004-04-30
                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Chowrira, Sharat
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PRIOR APPLICATION NUMBER: US 10/698311
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Local Similarity 77.8%;
see 14; Conservative
                                                                                                                                                                     R APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
RAPPLICATION NUMBER: US 10/444,853
                                                                                                                             APPLICATION NUMBER: PCT/US03/05346
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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                                        APPLICATION NUMBER: US 10/698311
                                                                                                           PILING DATE: 2003-02-20
                                                                                                                                                                                                                                    FILING DATE: 2003-11-24
                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 10/720,448
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b. US20050137155A1
                                                          2003-02-20
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PCT/US04/13456
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Matches Query Match

Conservative larity

100.04;

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DB 1; 2.5e+02;

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Gaps

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OTHER INFORMATION: FEATURE:

Description of Artificial Sequence:

BINA

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ORGANISM: Artificial Sequence

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US-10-861-060-211/c
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                        SEQ ID NO 211
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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Publication No. US20050137155A1
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NUMBER OF EED DI NOS 374
SOFTMARE: PatentIn version 3.3
                                                                        SOFTWARE: PatentIn version 3.3
                                                                                           Remaining Prior Application data removed - 
NUMBER OF SEQ ID NOS: 374
                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/720,448
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TYPE: RNA
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Chowrira, Bharat
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Pred. No.
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                                                                                                              See File Wrapper or PALM
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US-10-861-060-229/c
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Best Local :
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SEQ ID NO 229
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
                                                                                                                                          TITLE OF INVENTION: BUA Interference Wediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nocidio Acid (sim)
FILE REFERENCE: ADVIS (ASSESSED) (122) MEMBERS (BS.) (124)
CHARACT PARLICATION NOMBRE (BS.) (1/68), 600
CHRANT PARLICATION NOMBRE (BS.) (1/68), 600
CHRANT FILING ONE: 200-06-02)
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NUMBER OF SEQ ID NOS: 374
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PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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APPLICATION NUMBER: US 10/720,448
FILING DATE: 2003-11-24
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Haeberli, Peter
Chowrira, Bharat
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Haeberli, Peter
Chowrira, Bharat
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                                                                                                            WHICH WILLIAMS DATE, 2001-10-31
PRICES PRICES TO THE TOTAL TO THE TOTA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 248, Application US/10861060
Publication No. US20050137155Al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
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                             NUMBER OF SEQ ID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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McSwiggen, James

Inc

Application data removed - See File Wrapper or PALM NOS: 374

Conservative

Mismatches

DB 1; 2.5e+02 Length 19 Indels 9 Gaps 0

100.01; 1.2%; Score 18; 100.0%; Pred. No. 0,

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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                      SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                        PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
                                                            ORGANISM: Artificial Sequence
                                                                                                                         LBNGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 10/720,448

    See File Wrapper or PALM
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SOFTWARE: PatentIn version 3.3

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US-10-908-400A-56
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                                                                                                                                                                                                                                                RESULT 540
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                                                                                  GENERAL INFORMATION
                                                                                                                   Sequence 56, Application US/10908400A
Publication No. US20050203010A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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LENGTH: 21
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Publication No. US20050186591A1
APPLICANT: ATGEN CO., LTD
APPLICANT: KIM, Jong-Sun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-06-09
NUMBER OF SEQ ID NOS: 51
SOFTMARE: PastSEQ for Windows Version 4.0
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CURRENT FILING DATE: 000-11-17
PRIOR APPLICATION NUMBER: PCT/US2004/18271
PRIOR FILING DATE: 2004-06-0
PRIOR FILING DATE: 104-06-06/476,947
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APPLICONT: Marganore, Demartius M.
APPLICONT: Marganore,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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FEATURE:
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hes 18, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                              403 TCCTGACAATGAGGCTTAT 421
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100.0%; Pred. No. 2.5e+02;
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                        / Sequence 58, Application US/10908400A
/ Publication No. US20050203010A1
/ GENERAL INFORMATION:
                                                                                                                                                     US-10-908-400A-58
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; OTHER INFORMATION: Primer for site-directed mutagenesis to Y1334 US-10-908-400A-57
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SEQ ID NO 57
LENGTH: 21
                                                                                                                                                                                                                                                 Matches
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Publication No. US20050203010A1
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LENGTH: 21
                                                                                                                                                                                                                                                                                                 Best Local Similarity
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ANDRICANT AVOIS (6), 
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NUMBER OF SEQ ID NOS: 105
SOFTWARE: Kopatentin 1.71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence 
FEATURE:
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                                                                                                            434 GAGGAAGGGTATCAAGACTAC 454
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21 GAGGANGGGGCTCAAGACTAC
                                                                                                                                                                                                                                                 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GAGGAAGGGGCTCAAGACTAC 21
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                                                                                                                                                                                                                                                                                                             90.5%;
                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                                 Score 17.8; DB 1; Length 21;
Pred. No. 2.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 17.8;
Pred. No. 2.
                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                     2.46+02
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APPLICANT: ATGen Co., LTD

Jong-Sun

and

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COMMENT PAPTICATION INSIGNA : 185/14/808,400A.
COMMENT PAPTICATION INSIGNA : 005-05-12
PATCH PAPTICATION INSIGNA : 007-05-13
PATCH PAPTICATION INSIGNA : 017-07-15-18
PATCH PATCH DATE: 2006-05-11 0-2004-31820
PATCH PATCH DATE: 2006-05-13 0-2004-31820
PATCH DATE: 2006-05-13 0-2004-31
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US-10-908-400A-59/C
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US-10-908-400A-62

Sequence 62, Application US/10908400A

; Publication No. US20050203010A1

; GENERAL INFORMATION:
                                                                                                                                                                                                              RESULT 544
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LENGTH: 21
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Publication No. US20050203010A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INTENTION, Sovel peptides conterring environmental stress resistance and rills of INTENTION, taking periods contenting environmental stress resistance and rills Reference. 5921-0021. Union provides including environmental stress resistance. 5921-0021. Union August Tillion August 1920-05-101. Sovenit 1920-05-101. S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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APPLICANT: KIM, Jong-Sun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 105
SOFTWARE: KopatentIn 1.71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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nes 19; Conserva
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90.5%; Pred. No. 2.4e+02;
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                     ; Sequence 174, Application US/10698311
; Publication No. US20040219671A1
                                                                                                                                  US-10-698-311-174
                                                                                                                                                                              RESULT 546
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                        416 GCTTATGAAATGCCTTCTGAG 436
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                                                                                                                                                                                                                                                                                                                                                 21 GCTTATGAAAGCCCTTCTGAG
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CIRBENT PERICONTON UNDUREN UN/A/908,400A
CIRBENT PELING NATE: 2005-05-10
PRICE APPLICATION WINDER: US 10/713,851
PRICE APPLICATION WINDER: US 10/713,851
PRICE APPLICATION WINDER: US 10-2004-33123
PRICE APPLICATION WINDER: US 10-2004-3682
PRICE APPLICATION WINDER: US 10-2005-36882
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 63, Application US/10908400A
Publication No. US20050203010A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 105
SOPTWARE: KOPALENCIN 1.71
SEQ ID NO 62
LENGTH: 21
                                                                                                                     PRIOR FILING DATE: 2005-05-02
NUMBER OF SEQ ID NOS: 105
SOFTWARE: KOPATENTIN 1.71
SEQ ID NO 63
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 1.2%; Score 17.8; DB 1; Best Local Similarity 90.5%; Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER US/10/908,400A
CURRENT FILING DATE: 2005-05-10
PRIOR APPLICATION NUMBER: US 10/713,851
PRIOR FILING DATE: 2003-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Kowel peptides conferring environmental stress resistance and TITLE OF INVENTION: fusion proteins including said peptides TILE REFERENCE: 59520-03CLP
                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: KR 10-2004-33123
PRIOR FILING DATE: 2004-05-11
PRIOR APPLICATION NUMBER: KR 10-2005-36882
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: ATGEN Co., LTD
APPLICANT: KIM, Jong-Sun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Primer for site-directed mutagenesis to M1275
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OTHER INFORMATION: Primer for site-directed mutagenesis to M1278
                                                              ORGANISM: Artificial Sequence
                                                                                             TYPE: DNA
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Conservative

1.2%; Score 17.8; DB 1; Length 21; 90.5%; Pred. No. 2.4e+02; ative 0; Mismatches 2; Indels

0;

Gaps

0

GENERAL INFORMATION

4

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PRICOR LAPLICATION KOMERSEN (CC//ISON/ISON)
PRICOR LAPLICATION KOMERSEN (EC//ISON/ISON)
PRICOR LAPLICATION KOMERSEN (ES 60/ISON 550)
PRICOR LAPLICATION KOMERSEN (ES 60/ISON 550)
PRICOR FILLING DAVEL 2012 0-2-10.
PRICOR FILLING DAVEL 2012 0-2-10.
PRICOR FILLING DAVEL 2012 0-2-10.
PRICOR FILLING DAVEL 2012-0-6-10.
PRICOR RELIGION KOMERSEN (ES 60/ISON/ISON 150)
PRICOR RELIGION KOMERSEN (ES 60/ISON)
PRICOR RELIGION
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US-10-698-311-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRICER FILIMO DATE: 2002-07-03
PRICER FILIMO DATE: 2002-07-03
PRICER PRICER FILIMO DATE: 80/406-748
PRICER PRILICOTTON NUMBERS: 103 60/406-748
PRICER PRILICOTTON NUMBERS: 103 60/406-749
PRICER PRILICOTTON NUMBERS: 103 60/440-729
PRICER PRILICOTTON NUMBERS: 103 60/440-729
PRICER PRILICOTTON NUMBERS: 103 60/440-729
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GENERAL INFORMATION
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Best Local Similarity
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SEQ ID NO 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITUR DE INVENTION: RAM Interference Mediated Treatment de Parkinson
TITUR DE INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MENBO3-198-A)
CURRENT REPLICATION MUMBER: US/10/588,311
CURRENT FILMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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CORRECT PRINCE OFFICE: 2001-10731 66-3.11
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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2002-07-03
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Pred. No. 2.9e+02;
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US-10-698-311-175
                                                                                         SEQ ID NO 176
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Best Local Similarity
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Publication No. US20040219671A1
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                                                                                                               SOFTWARE: PatentIn version 3.2
                                                                                                                                           PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 1002-02-20
PRIOR PLUICATION NUMBER: US 60/363,124
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: Habberli, Peter
TITHE OF INVENTION: BNA Interference Mediated Treatment of
TITHE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/137 (MBHBD)-190-A)
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
ORGANISM: Artificial Sequence
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                                                             LENGTH
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84.2%; Pred. No. 2.9e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense US-10-698-311-176

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FEATURE:

DB 1; Length 19

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Sequence 178, Application US/0698311
Publication No USE20040218671Al
GRESAU IMPROMOTEDS
APPLICANT Stra Therapountes, Inc.
APPLICANT MCAVASSA, James
APPLICANT Heabril, Peter
APPLICANT Heabril, Peter
APPLICANT Howards, Man
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Best Local Similarity
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LENGTH: 19
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Best Local Similarity 84.2%;
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FILE REFERENCE: 400/137 (MEH803-198-A)
CURRENT APPLICATION NUMBER: US/10/658,311
CURRENT APPLICATION TO A CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T
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SOFTWARE: Patentin version 3.2
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PRIOR APPLICATION INMERS: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION INMERS: US 60/386,782
PRIOR APPLICATION MINMERS: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sirna Therapeutics,
TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
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OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
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FILING DATE: 2002-09-09
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FILING DATE: 2002-08-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         119 GGTGTGGCAGAAGCAGCAG 137
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Pred. No. 2.9e+02;
2; Mismatches 1
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Pred. No. 2.9e+02;
2; Mismatches 1; Indels
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US-10-698-311-178
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/440,125
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PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: US 60/393,796
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APPLICANT: Chowrira,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RIOR FILING DATE: 2002-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RIOR FILING DATE: 2002-03-11
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2002-06-06
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Local Similarity 84.2%;
                                                                                                  R APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION NUMBER: 60/399,348
                 FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
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Haeberli, Peter
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Pred. No. 2.9e+02;
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APPLICATION

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-180
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PATOR FILME ONTE: 2002-02-0
PATOR APPLICATION NUMBER: US 60/36,782
PATOR APPLICATION NUMBER: US 60/36,782
PATOR APPLICATION NUMBER: US 60/36,782
PATOR APPLICATION NUMBER: US 60/39,796
PATOR APPLICATION NUMBER: US 60/39,796
PATOR APPLICATION NUMBER: US 60/39,796
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Publication No. US20040219671A1
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Best Local Similarity 89.5%;
                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE 400/13" (NSHB03-189-8) TORRESST APPLICATION NUMBER 109/10/996.311 CURRESST PILING DATE, 2003-05-07/10803/05028 PRIOR EPILING DATE, 2003-05-07/10803/05028 PRIOR EPILING DATE, 2003-05-07/10803/05028
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                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/440,129
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ORGANISM: Artificial Sequence
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                                                                                                                                       Local
                                                            123 TGGCAGAAGCAGCAGGAAA 143
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                                                                                                                                       Similarity
                                                                                                              Conservative
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                                                                                                                                  Score 17.4; DB 1; Length 19;
Pred. No. 2.9e+02;
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                                                                                                              Mismatches
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                                                                                                                                                                                                                                                                                                                                                     Sequence 182, Appropriate Publication No.
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                                                                                               TITLE OF INVENTED: NAN Interference Weddared Treatment of Parkinson Dieease Using TITLE OF INVENTED: Note: Interfering Nucleic Acid (SINA) FILE REFERENCE: +00/117 (MEMBO)-198-31 CURRENT REPLICATION NOWERS: NS/10/69-311 CURRENT FILING DATE: 2001-10-13
                                                                                                                                                                                                                       APPLICANT: Sirna Therapeutice,
APPLICANT: McSWigger, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
PRIOR APPLICATION NUMBER: PCY10803/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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18; Conservative Similarity

94.7%

Score 17.4; Pred. No. 2 Mismatches 2.9e+02; DB 1, Length 19; Indels

Gaps 0

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GGCAGAAGCACCAGGAAAG 19

Application US/10698311 o. US20040219671A1

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US-10-698-311-181
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 181
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
                                                                                       PRIOR FILING DATE: 2003-01-15
                                                                                                                PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-03-11
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Chowrira, Bharat
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US-10-698-311-183
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LENGTH: 19
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APPLICANT: Sirna Therapeutics, Inc.
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Publication No. US20040219671A1
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Best Local Similarity 94.7%;
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PRIOR RAPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR RAPLICATION NUMBER: US 66/409,283
PRIOR PILING DATE: 2002-09-09
PRIOR PILING DATE: 2002-09-09
PRIOR FILING DATE: 2007-01-15
SOFTWARE: PatentIn version 3.2
SEQ ID NO 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR PILING BATE: 2003-02-20
PRIOR APPLICATION NUMBER: U8 60/358,580
PRIOR PLING BATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DAYE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                   PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2002-08-29
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ORGANISM: Artificial Sequence
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FILING DATE: 2002-07-29
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Pred. No. 2.9e+02;
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RESULT 557 US-10-698-311-185 밁

Matches Query Match Best Local !

18; Similarity

Conservative 94.7%; 0

Score 17.4; DB 1; Pred. No. 2.9e+02; Mismatches

Length 19

Sequence/siNA sense

0,

Gaps

127 AGANGCAGCAGGAAAGACA 145

AGAAGCACCAGGAAAGACA 19

Sequence 185, Application US/10698311 Publication No. US20040219671A1 GENERAL INFORMATION:

; OTHER INFORMATION: Description of Artificial Sequence: Target US-10-698-311-184

SOFTWARE: PatentIn version 3.2 SEQ ID NO 184 LENGTH: 19

ORGANISM: Artificial Sequence

NUMBER OF SEQ ID NOS: 310

PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05 PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29

APPLICATION NUMBER: US 60/409, 293

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15

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FEATURE:
FOTHER INFORMATION: Description of Artificial Sequence:
US-10-698-311-83
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Best Local Similarity 94.7*;
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 184, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                           TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sixA) FILE REFERENCE: 400/137 (MEMBO) -198-A) CURBERT APPLICATION NUMBER: 08/04/698,311 CURBERT FILMIG DATE: 2003-10-13 (DATE) - 2003-10-13 (DATE)
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER:
                                                                                              PRIOR FILING DATE: 2003-02-20
PRIOR PELICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR PELICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: US 60/363,124
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Pred. No. 2.9e+02;
0; Mismatches 1;
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APPLICANT: Sirna Therapeutics,

Inc

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US-10-698-311-186
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SEQ ID NO 185
LENGTH: 19
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Best Local Similarity
                                                   PRIOR
                                                                                                                     PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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                                                                       PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/698,311
                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: BNA Interference Mediated Treatment of Farkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/137 (MBH803-199-A) Nucleic Acid (siNA)
                                                                                                                                                                                                 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR PILING DATE: 2002-03-11
PRIOR PILING NUMBER: US 60/386,782
PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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APPLICATION NUMBER: 60/399,348
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APPLICATION NUMBER: US (
FILING DATE: 2002-09-09
                         FILING DATE:
                                             APPLICATION NUMBER: US 60/393,796
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Haeberli, Peter
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Haeberli, Peter
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94.7%; Pred. No. 2.9e+02;
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; FEATURE:
; OTHER IMPORMATION: Description of Artificial Sequence:
US-10-698-311-187
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Best Local Similarity
watches 18; Conserve
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                                                                                                                                  NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 187
LENGTH: 19
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SEQ ID NO 186
LENGTH: 19
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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TITLE OF INVENTION: Short Interfering Muchaic Acid (siAh)
FILE REFERENCE: 400/137 (MBM03-198-A)
CIMBENT APPL/CATUR MOMERS: USJ 10/68-A)
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: Chowriza, Bharat
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 6
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                                                                                ORGANISM: Artificial Sequence
                                                                                                              TYPE: RNA
                                                                                                                                                                                                                                                                                                                                 RIOR FILING DATE: 2002-09-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/399,348
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APPLICATION NUMBER: US 60/386,782
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94.7%; Pred. No. 2.
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Query Match

1.1%; Score 17.4; DB 1; Length 19

Target Sequence/siNA sense re

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US-10-698-311-188
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                                                                                                                                           Sequence 189, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION
APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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SEQ ID NO 188
LENGTH: 19
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TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sixa)
FILE REFERENCE: 400/137 (MBHB03-198-A)
ITILE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Uning
TITLE DE INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                          APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILLING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
APPLICATION NUMBER: US 60/408,378
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2002-09-05
                                                                                                                                                                                                                                                                                                                                                                                              131 GCAGCAGGAMAGACAAMAG 149
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Haeberli, Peter
Chowrira, Bharat
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o. US20040219671A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         94.7%;
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Pred. No. 2.
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Publication No. US20040219671A1
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                                                                                              PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR PILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 66/406,784
PRIOR APPLICATION NUMBER: US 66/406,784
PRIOR PILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chowritz, Bharat
TITLE OF INVENTION: ENA Interference Mediated Treatment of Parkinson Disease Using
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
                                                      PRIOR
                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/137 (MBH803-198-A)
CURRENT APPLICATION UNDERS: US/10/658,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
                                                                                    PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
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         PILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
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Conservative

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2 L .74 Score 17.4; Pred. No. 2 Mismatches 2.9e+02; DB 1; Length 19

Haeberli, Peter

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-189
                                                                                                                                         NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 189
LENGTH: 19
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-08-29
PRIOR PILING TON NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR EPILING DATE: 2002-09-09
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE:
                                                                                        ORGANISM: Artificial Sequence
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                                      Target
                                      Sequence/siNA sense
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Page

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US-10-698-311-193
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US-10-698-311-190
                                                                                                  Matches
                                                                                                                     Best Local Similarity
                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
SEQ ID NO 193
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Chordia, Bharet
TITLE OF INVENTION: RNA Inteference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sINA)
FILE REFERENCE: ACO/137 (MHSDR: US/10/698,311
CHREADY APPLICATION NUMBER: US/10/698,311
CHREADY FILING DATE: 2003-10-11
                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: 10-698-311-193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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NUMBER OF SEQ ID NOS: 310
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                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/406,784
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                                                 192 TGCATGGTGTGGCAACAGT 210
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                                                                                                                     1.1%; Score 17.4; DB 1; Length 19; 68.4%; Pred. No. 2.9e+02;
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94.7%; Pred. No. 2.
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                                                                                                  Mismatches
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                                                                                                                                                                                                                            APPLICANT: Sirms Therapeutics,
APPLICANT: Sirms Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.2
SEQ ID NO 194
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                        Sequence 195, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Macches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                        TITLE OF INVENTION: RBM Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/117 (MBHB03-199-N) CURRENT APPLICATION NUMBER: US/10/698,311 CURRENT FILING DATE: 2003-10-11
                                                                                                                                                                                                                  APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-05
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APPLICANT: Chowrira, Bharat
                                                 PRIOR FILING DATE: 2003-02-20
                                                                    PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-03-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                        APPLICATION NUMBER: US 60/358,580
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FILING DATE:
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2002-02-20
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Pred. No. 2.9e
4; Mismatches
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2.9e+02, DB 1; Length 19;

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Parkinson Disease Using

Target

Sequence/siNA

sense Ħ

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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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US-10-698-311-196
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US-10-698-311-195
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR REPLICATION HUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-08-29
PRIOR FILING DATE: 2002-08-29
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 196
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TITLE OF INVENTION: SOCIETY OF THE PROPERTY OF THE PROPERT
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-09-05
PRIOR RPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-07-29
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ORGANISM: Artificial Sequence
                                                                                                                                                PRIOR FILING DATE: 2003-01-15
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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                                                                                                SEQ ID NOS: 310
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PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-698-311-196
Matches
                       Query Match
                                                                                     ORGANISM: Artificial Sequence
Local Similarity
les 14, Conserv
  Conservative
            73.74;
  4; Mismatches
            Score 17.4; DB 1;
Pred. No. 2.9e+02;
                            DB 1;
                            Length 19
       Indels
                                                                   Target Sequence/siNA sense
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195 AIGGIGIGGCAACAGIGGC 213

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RESULT 567
US-10-698-311-197
                                                                               Publication No.
                                                                                        Sequence 197, Application US/10698311
                               APPLICANT:
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Haeberli, Peter
Chowrira, Bharat
                                                                            US20040219671A1
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FILE REFERENCE: 400/137 (MEHBO3-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31 TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)

PRIOR APPLICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-02-20 PRIOR APPLICATION NUMBER: US 60/363,124 PRIOR FILING DATE: 2002-03-11 PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR RILING DATE: 2002-08-29
PRIOR PILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378 PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03 PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796 PRIOR APPLICATION NUMBER: 60/399,348 FILING DATE: 2002-07-29

PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2 PRIOR APPLICATION NUMBER: US 60/440,129 PRIOR FILING DATE: 2002-09-05 PRIOR APPLICATION NUMBER: US 60/409,293

FILING DATE: 2002-09-09

SEQ ID NO 197 LENGTH: 19 TYPE: RNA ORGANISM: Artificial Sequence

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense US-10-638-311-197

Query Match Matches Best Local 196 TGGTGTGGCAACAGTGGCT 214 Similarity 68.4%; 13; Conservative UGGUGUGGCAACAAUGGCU 19 1.1%; Score 17.4; DB 1; Length 19 8.4%; Pred. No. 2.9e+02; Mismatches

> 0 Gaps

Sequence 198, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION: RESULT 568 US-10-698-311-198

APPLICANT: Sirna Therapeutics, Inc

Chowrira, Bharat

Peter

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US-10-698-311-199
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Publication No. US20040219671A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE:
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CURRENT APPLICATION NUMBER: US/10/698,311
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrita, Bharas
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                   APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                        APPLICATION NUMBER: US 60/363,124
                                                                    APPLICATION NUMBER: US 60/393,796
                     APPLICATION NUMBER: 60/399,348
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2002-07-29
                                               2002-07-03
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Pred. No. 2.9e+02;
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                                                                                                                                                      SEQ ID NO 200
                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 66/38,788
PRIOR PLIANG INTEL COD2-60-60
PRIOR PLIANG INTEL COD2-60-60
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PRIOR PLIANG INTEL COD2-60-60
PRIOR PLIANG INTEL COD2-60-729
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PRIOR PRICACOLOGY INTELS
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                                                                                                                                                                           PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sink) FILE REFERENCE: 400/137 [MBHB03-18s-k]
                    OTHER INFORMATION: Description of Artificial Sequence:
                                                                   ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
                                                   FEATURE:
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PRIOR APPLICATION NUMBER: US 60/408,378
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                                                                                                                            LENGTH:
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               Target Sequence/siNA sense
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Query Match Best Local Similarity

Score 17.4; DB 1; Pred. No. 2.9e+02;

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Publication No. US20040219671A1
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SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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APPLICARY: Chowrits, Bhart
TITE OF INVERTION: MR. Interference Weisted Testment of Parkinson Disease Using
TILE REPERMENT: 400/137 [MEMBO3-19-8].
TILE REPERMENT: 400/137 [MEMBO3-19-8].
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APPLICANT: McSwiggen, James
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FILING DATE: 2002-07-03
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Haeberli, Peter
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Pred. No. 2.9e+02;
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PETCR FILLNO BATE: 2002-07-03
PETCR FILLNO BATE: 2002-07-03
PETCR FILLNO BATE: 2002-07-29
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PETCR FILLNO BATE: 2002-07-29
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
         APPLICATION NUMBER: US 60/409,293
FILING DATE: 2002-09-09
APPLICATION NUMBER: US 60/440,129
                                                                                 FILING DATE: 2002-09-05
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, OTHER INFORMATION: Description of Artificial Sequence: US-10-698-311-202
                                                                                                                                    SEQ ID NO 202
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
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SOFTWARE: PatentIn version 3.2
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PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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                                                                               ORGANISM: Artificial Sequence
                                                                                                          TYPE: RNA
                                                          FEATURE:
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                                     Target Sequence/siNA sense
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Query Match Best Local Similarity 78.9%; Matches 15; Conservative 201 TGGCAACAGTGGCTGAGAA 219 Mismatches Pred. No. Score 17.4; DB 1; 2.9e+02; Length 19; Indels o; 0

1 UGGCNACAAUGGCUGAGAA 19

Application US/10698311

GENERAL INFORMATION: Sequence 203, Application US/10 Publication No. US20040219671A1 APPLICANT: Sirns Therapeutics, Chowrira, Bharat Haeberli, Peter

PRIOR NEBLICATION NUMBER: US 60/363,124
PRIOR FILMS DETT: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR RILING DATE: 2002-08-06
PRIOR RILING DATE: 2002-08-06
PRIOR RILING DATE: 2002-08-06 TITLE OF INVENTION: Short Interfering Nucleic Acid
FILE REPERENCE: 400/137 (MBH803-198-A)
CURRENT APPLICATION NUMBER(1816/19/698,311 TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Mucleic Acid (SINA) CURRENT FILING DATE: 203-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR RPILICATION NUMBER: US 60/358,580 PRIOR FILING DATE: 2002-02-20 Parkinson Disease Using

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US-10-698-311-204
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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SEQ ID NO 203
LENGTH: 19
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PRIOR FILING DATE: 2002-07-03
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PRIOR APPLICATION NUMBER: US 60/386,782
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APPLICANT: Haeberli, Peter
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                                                                              203 GCAACAGTGGCTGAGAAGA 221
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                                  1 GCAACAAUGGCUGAGAAGA 19
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b. US20040219671A1
                                                                                                                                    Conservative
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Pred. No. 2.
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Pred. No. 2.
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2.9e+02;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                       Sequence 206, Application US/10698311
Publication No. US20040219671A1
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING BATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING BATE: 2003-02-20
PRIOR PILING BATE: 2003-02-20
PRIOR PPLICATION NUMBER: US 60/363,124
                                                                                                                           FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                           APPLICANT: McSwiggen, James
APPLICANT: Meabell, Peter
APPLICANT: Choritza, Bharat
APPLICANT: Choritza, Bharat
TITLE OF IMPRITION: Short Interfering Nucleic Acid (siMA)
                                                                                                                                                                                                                                                 APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haebsrli, Peter
APPLICANT: Chowrira, Bharat
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Conservative

Mismatches Pred. No. 2.9e+02 DB 1; Length 19;

Gaps

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84.2%;

2002-03-11

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SEQ ID NO 205
LENGTH: 19
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Publication No. US20040219671A1
                                                                                                                SOFTWARE: PatentIn version 3.2
                                                                                                                                                   NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR FILING DATE: 2002-07-03
PRIOR PRICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: McSwi
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PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-03-11
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ORGANISM: Artificial Sequence
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FILING DATE: 2003-01-15
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US-10-698-311-207
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Publication No. US20040219671A1
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                                                      SEQ ID NO 207
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: Chowkits, Bhart
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNa)
FILE REFERENCE: 400/137 (MBH803-198-A)
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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                                                                         SOFTWARE: PatentIn version 3.2
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                                        NUMBER OF SEQ ID NOS: 310
ORGANISM: Artificial Sequence
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FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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FILING DATE: 2002-07-03
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FILING DATE:
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Pred. No. 2.
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                                                                                                US-10-698-311-209
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                                                                                                                    RESULT 579
                                          GENERAL INFORMATION:
                                                             Sequence 209, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                       Matches
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   APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James
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207 CAGTGGCTGAGAAGACCAA 225

Conservative

Mismatches .9e+02 DB

Length 19

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Gaps

1.1%; ; Score 17.4; ; Pred. No. 2; 2; Mismatche

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; FENTURE: TOTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense US-10-598-513-207
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APPLICANT: Sirna Therapeutics,
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                                                                                                                                   PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR APPLICATION NUMBER: US 60/408,378
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: RNA Interference Mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
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OTHER INFORMATION: Description of Artificial Sequence:
                                              ORGANISM: Artificial Sequence
                            FEATURE:
                                                                      TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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Chowrira, Bharat
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Pred. No. 2.9e+02;
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         Target Sequence/siNA sense
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US-10-698-311-212/c
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US-10-598-311-209
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Publication No. US20040219671A1
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Chowrira, Bharat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: US 60/393,796
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CORRENT PARLICATION ROMERS; US/3/853.311
CORRENT PRILICATION ROMERS; US/3/853.311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
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188 16, Conserv
                                                                   FILING DATE: 2002-06-06
APPLICATION NUMBER: US 6
FILING DATE: 2002-07-03
FILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
                                                APPLICATION NUMBER: 60/399,348
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Pred. No. 2.9e+02;
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US-10-698-311-213

OTHER INFORMATION: Description of Artificial Sequence:

sinA antisense region

Query Match Best Local Similarity Matches 18; Conserv

1.1%; Score 17.4; DB 1; Length 19; 94.7%; Pred. No. 2.9e+02;

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Mismatches

0; Gaps 0;

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PRIOR FILMO DATE: 002-07-03

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                                                                                                                                    SEQ ID NO 213
LENGTH: 19
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Publication No. US20040219671A1
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Best Local Similarity
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SEQ ID NO 212
                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.2
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BRIOR FILING DATE: 2002-03-11
BRIOR APPLICATION NUMBER: US 60/386,782
BRIOR FILING DATE: 2003-66-06
BRIOR FILING DATE: 2003-66-06
BRIOR APPLICATION NUMBER: US 60/393,796
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: Chowring, Bharat
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
                              ORGANISM: Artificial Sequence
                                                                                           TYPE: RNA
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FEATURE:
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Pred. No. 2.9e+02;
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US-10-698-311-214/c
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US-10-698-311-215/c
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Publication No. US20040219671A1
GENERAL INFORMATION:
                                                                                                                                                                                                    GENERAL INFORMATION
                                                                                                                                                                                                                 Sequence 215, Application US/10698311
Publication No. US20040219671A1
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/353,580
PRIOR PRI
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: Hasbertl, Peter APPLICANT: Hasbertl, Beter APPLICANT: Choracte, Bharaf etcapes Related Treatment of Barkinson Disease Waing 17118 Der Hembertler Eng Wooleic Acid (siMA) 17118 DERESENSE, 10(7)17 (BROMEN): 1871
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APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
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Haeberli, Peter
Chowrira, Bharat
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Pred. No. 2.
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US-10-698-311-215
                                        Matches
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                          Best Local Similarity
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/386,782
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PRIOR APPLICATION NUMBER: US 60/363,124
                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                      TYPE: RNA
                                                                                                                                                                                                                                        LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/440,125
120 GTGTGGCAGAAGCAGCAGG 138
                                        18;
                                            Conservative
                                                              94.7%;
                                            0
                                                              Score 17.4; DB 1;
pred. No. 2.9e+02;
                                            Mismatches
                                                                                             DB 1;
                                                     Indels
                                                                                         Length 19;
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Disease Using

Gaps

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US-10-698-311-216/c Sequence 216, Application US/10698311 Publication No. US20040219671A1 19 GTGTGGCAGAAGCACCAGG 1

GENERAL INFORMATION:

Inc

TITLE DE INTERFICIO : INN INDESTRETAND MEDIANDE TRANSMITTE DE INTERFECT : Short Interfecting Notes And (SIAN) ILLE REFERENCE; 400/13 (MORDE): 198-3 (MORDE): APPLICANT: APPLICANT: APPLICANT: Sirna Therapeutics, McSwiggen, James Haeberli, Peter Chowrira, Bharat Parkinson Disease Using

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PATOR FILING DATE: 2002-06-06
PATOR APPLICATION NUMBER: US 60/393,796
PATOR FILING DATE: 2002-07-03
PRIOR PILING DATE: 2002-07-03 PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR APPLICATION NUMBER: 03 60/386,732
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR APPLICATION NUMBER: US 60/393,796 PRIOR RIOR APPLICATION NUMBER: US 60/358,580 FILING DATE: 2002-07-29 APPLICATION NUMBER: US 60/406,784 FILING DATE: 2002-08-29

APPLICATION NUMBER: US 60/408,378 FILING DATE: 2002-09-05

APPLICATION NUMBER: US 60/409,293 FILING DATE: 2002-09-09 FILING DATE: 2003-01-15 APPLICATION NUMBER: US 60/440,129

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US-10-698-311-217/c
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 217
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Publication No. US20040219671A1
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SOFTWARE: Patentin version 3.2
SEQ ID NO 216
LENGTH: 19
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PRIOR FILING DATE: 2003-01-15
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PRIOR RILING DATE: 2002-08-29
PRIOR ETILING DATE: 2002-09-05
PRIOR ETILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/409, 293
PRIOR FILING DATE: 2002-09-09
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APPLICANT: Stima Therapaulia, Inc.
APPLICANT: APPLICA
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PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                    Local Similarity
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                                                                                                                                                                     122 GTGGCAGAAGCAGCAGGAA 140
                                                                                                      19 GTGGCAGAAGCACCAGGAA 1
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                                                                                                                                                                                                                                                    18; Conservative
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Pred. No. 2
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Publication No. US20040219671A1
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                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Shat Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interference Mediated Treatment of Parkinson Disease Using FILE REFERENCE: 400/137 (MBHB03-198-A)
                               PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
                                                                                                              PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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FILING DATE: 2002-03-11
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19 TGGCAGAAGCACCAGGAAA 1

1.1%; Score 17.4; DB 1; Length 19. 94.7%; Pred. No. 2.9e+02; tive 0; Mismatches 1; Indels

region 0

McSwiggen, James Haeberli, Peter

RESULT 586

APPLICATION NUMBER: US 60/386,78;

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PRIOR PAPLICATION INSHER: pcf/US03/05028
PRIOR FILHNO MARES A009-03-2.
PRIOR APPLICATION NUMBER: US 60/35.50
PRIOR PRIOR FILHNO MARES: US02-03-20
PRIOR PRIOR FILHNO MARES: US02-03-20
PRIOR PRI
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: McSwiggen,
                                         ORGANISM: Artificial Sequence
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FEATURE:
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US-10-698-311-223/c
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APPLICANT SITAM TRANSPORLES, Inc.

APPLICANT SHOWS THE APPLICATION AND APPLICANT SHOWS APPLICATION NOW, Interference Wednered Francisco Francis
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Publication No. US20040219671A1
                                                                                                                     PRIOR APPLICATION NOMBER: US 6/363,124

PRIOR APPLICATION NOMBER: US 6/386,782

PRIOR APPLICATION NOMBER: US 6/386,782

PRIOR APPLICATION NOMBER: US 6/333,786

PRIOR APPLICATION NOMBER: 66/99,346

PRIOR APPLICATION NOMBER: 66/99,346
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SEQ ID NO 222
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-02-20
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PRIOR APPLICATION KUMBER: US 60/408,378
PRIOR APPLICATION KUMBER: US 60/408,378
PRIOR APPLICATION KUMBER: US 60/409,233
PRIOR APPLICATION KUMBER: US 60/409,233
PRIOR APPLICATION KUMBER: US 60/440,123
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR PILING DATE: 2002-07-29
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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CURRENT FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR FILING DATE: 2003-02-20
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nes 18; Conservation
PILING DATE: 2002-07-29
APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
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Pred. No. 2.9e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
US-10-698-311-224
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US-10-698-311-223
                                                                                                                           SEQ ID NO 224
LENGTH: 19
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SEQ ID NO 223
LENGTH: 19
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                                                                                                                                                                               SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                               PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                 PRIOR PILICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR APPLICATION NUMBER: US 60/409,293
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PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
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CURRENT FILING DATE: 2003-10-31
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APPLICANT: Haeberil, peter
APPLICANT: Chorita, Bharterance Mediated Treatment of
TITLE OF INVENTION: Shor Interfering Nuclaic Acid (sink)
FILE REFERENCE: 400/137 (MBHBO)-199-A)

FILE REFERENCE:
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PRICHE TLING LAMES. 2022-9-05
PRICHE REPLICATION HUMBER: US 66/409,293
PRICHE PRILING LAMES. 2022-9-09
PRICHE PRILING LAMES. 2023-9-09
PRICHE PRILING LAMES. 2023-911-15
NUMBER: 07 SEQ ID NOS 101
NUMBER: 07 SEQ ID NOS 101
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                                                                        ORGANISM: Artificial Sequence
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                                                   FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                  PILING DATE: 2002-07-29
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FILING DATE: 2002-07-03
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Pred. No. 2.9e+02;
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ches 1;
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Query Match Best Local Similarity Matches 18; Conserv

Conservative

1.1%; Score 17.4; DB 1; Length 19 94.7%; Pred. No. 2.9e+02; stive 0; Mismatches 1; Indels

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US-10-698-311-225/c
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subtraction to represent the state of the state o
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LENGTH: 19
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PRIOR PILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
FUNDER OF SEQ ID MOS: 310
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PRIOR FILING DATE: 2002-08-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
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Haeberli, Peter
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Pred. No. 2.9e+02;
0; Mismatches 1; Indels
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PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION INMERS: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION INMERS: US 60/393,796
PRIOR APPLICATION 1002-07-03
PRIOR ELLING DATE: 2002-07-03
PRIOR ELLING DATE: 2002-07-03
PRIOR ELLING DATE: 2002-07-03
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                                                                                                                                                                                               PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,233
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/399,348
OTHER INFORMATION: Description of Artificial Sequence:
                               TYPE: RNA
ORGANISM: Artificial Sequence
PRATURE:
                   sinA antisense region
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Local Similarity Conservative 94.71; Score 17.4; Pred. No. 2 2.9e+02; DB 1; Length 19; Indels 0; Gaps

0

Sequence 227, Application US/10698311 Publication No. US20040219671A1 Inc

Haeberli, Peter Guran

PRICE APPLICATION INDUSES: US 60/93).798
PRICE PLUM CHATE 2002-07-039, 149
PRICE PLUM CHATE 2002-07-039
PRICE PLUM CHATE 2003-07-03-04-04-07-039
PRICE PLUM CHATE 2003-07-03-04-04-07-039
PRICE PLUM CHATE 2003-07-03-04-04-07-04-0 NOPELONE: Choretes Manade Transcant of Barkinson Disease TITLE OF INVESTION; BAN Interference Mediated Transcant of Barkinson Disease TITLE OF INVESTION; BAN Interference Mediate Acid (SIM)
TITLE OF INVESTION; BAN Interference Control (SIM)
TITLE OF INVESTION; BAN Interference Control (SIM)
TITLE OF INVESTIGATION; BAN INTERFERENCE CONTROL (SIM)
TITLE OF INTERFERE

PRIOR APPLICATION NUMBER: PCT/US03/05028

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US-10-698-311-228
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SEQ ID NO 228
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Best Local Similarity 94.7%;
Matches 18; Conservative (
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SEQ ID NO 227
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
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PRICOS PLILMS OURS. 2003-0-2-0
PRICOS PRICOS PLILMS OURS. 2003-0-2-5
PRICOS PRICOS PUBLICATION NUMBER: US 60/359,580
PRICOS PRICOS PUBLICATION NUMBER: US 60/363,124
PRICOS PRICOS PLILMS OURS. 2002-0-3,000
PRICOS PRICOS PUBLICATION NUMBER: US 60/386,782
PRICOS PRICOS PLILMS OURS. 2002-0-3,000
PRICOS PRICOS PUBLICATION NUMBER: US 60/386,782
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ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/393,796
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrirs, Bharat
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                         Local Similarity
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APPLICATION NUMBER: US 60/408,378
FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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o. US20040219671A1
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Pred. No. 2.9e+02;
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                        TITULE OF INVENTION; NON INTERFERENCE MEDITED AND CENTRAL CHARACTERS PROJECT AND CENTRAL PROJECT AND CENTRAL PROJECT AND CENTRAL PROJECT AND CENTRAL PROJECT AND AND CENTRAL P
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Publication No. US20040219671A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
PRIOR FILING DATE: 2002-03-11
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Conservative

1.1%; Score 17.4; DB 1; Length 19 94.7%; Fred. No. 2.9e+02; 0; Mismatches

1; Indels

0, Gaps 0

McSwiggen, James Haeberli, Peter

Parkinson Disease Using

RESULT 597 US-10-698-311-231/c

APPLICATION NUMBER: US 60/386,782 FILING DATE: 2002-06-06

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THE ADMICATION WINDOWS IN SCALAR, 78 MINES OF THE ADMICATION WINDOWS IN SCALAR, 78 MINES OF THE ADMICATION OF THE ADMICA
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CURRENT PILINA DATE: 2003-10-31
PRIOR REPLICATION NOVERS: PCT/NESS/0508
PRIOR PELINA DATE: 2003-2-20
PRIOR MEDILATION NUMBER: US 66/55,580
PRIOR MEDILATION NUMBER: US 66/55,124
PRIOR MEDILATION NUMBER: US 66/161,124
PRIOR MEDILATION NUMBER: US 66/161,124
PRIOR NEILYM DATE: 2002-2-2-11 (1667
PRIOR NEILYM DATE: 2002-2-11 (1
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NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 231
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GENERAL INFORMATION:
APPLICANT: Sirns Therapeutics,
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ORGANISM: Artificial
                                                                                                                                                                                                     ENGTH: 19
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Chowrira, Bharat
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US-10-698-311-233/c
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SEQ ID NO 232
LENGTH: 19
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Publication No. US20040219671A1
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                                                                                      SEQ ID NO 233
LENGTH: 19
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PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 66/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                   NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: US 60/409,293
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PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
                                        ORGANISM: Artificial Sequence
                                                                        TYPE: KNA
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Local Similarity 94.7%;
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FILING DATE: 2002-03-11
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FILING DATE: 2002-09-05
APPLICATION NUMBER: US 60/409,293
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FILING DATE: 2002-08-29
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FILING DATE: 2002-07-29
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FILING DATE: 2002-07-03
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FILING DATE: 2002-06-06
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Haeberli, Peter
Chowrira, Bharat
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Pred. No. 2.
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siNA antisense region

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Query Match
Best Local Similarity
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                                                                                        Sequence 235, Application US/10698311 Publication No. US20040219671A1 GENERAL INFORMATION:
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SEQ ID NO 234
LENGTH: 19
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Best Local Similarity
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Publication No. US/20040219671A1
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PRIOR FILING DATE: 2020-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2020-09-09
PRIOR PILING DATE: 2020-09-09
PRIOR PILING DATE: 2020-09-09
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TITUS DE INVENTION: Short Interfering Nucleic Acid (sinh)
FILS RETERENCE: (00/137 NMHR03-198-A)
CURRENT PAPILOTION NMSBR: US/10/58-3.11
CURRENT FILHE DATE: 2003-1-31
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: Haeberli, Peter
                                                                      APPLICANT: Sirna Therapeutics,
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PRIOR FILING DATE: 2002-08-29
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APPLICANT: Chowrira, Bharat
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McSwiggen, James
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Chowrira, Bharat
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Pred. No. 2.9e+02;
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US-10-698-311-236/c
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-07-03
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: US 60/363,124
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                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/408,378
                                                           FILING DATE: 2002-08-29
                                                                                                                                                     APPLICATION NUMBER: 60/399,348
FILING DATE: 2002-07-29
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                                                                                                             APPLICATION NUMBER: US 60/406,784
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Haeberli, Peter
Chowrira, Bharat
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Pred. No. 2.
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US-10-698-311-236
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 236
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                                                                 SOFTWARE: PatentIn version 3.2
SEQ ID NO 237
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-02-20
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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                                                                                                                        NUMBER OF SEQ ID NOS: 310
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PRIOR APPLICATION NUMBER: US 60/440,129
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PRIOR FILING DATE: 2002-08-29
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ORGANISM: Artificial Sequence
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FILING DATE: 2002-07-03
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Pred. No. 2.9e+02;
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OTHER INFORMATION: Description of Artificial Sequence:

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Score 17.4; Pred. No. 2.

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APPLICANT: Sirna Therapeutics,
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 238
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Publication No. US20040219671A1
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Publication No. US20040219671A1
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PRIOR FILING DATE: 2002-06-06
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
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APPLICANT: McSwiggen, James
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Local Similarity 94.7%;
nes 18; Conservative
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1 APPLICATION NUMBER: US 60/408,378

PILING DATE: 2002-09-05
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FILING DATE: 2002-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 199 TGTGGCAACAGTGGCTGAG 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19 GIGIGGCAACAAIGGCIGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2003-01-15
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Pred. No. 2.9e+02;
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FILING DATE: 2003-02-20 APPLICATION NUMBER: PCT/US03/05028

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OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region US-10-698-311-239
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SEQ ID NO 239
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Best Local Similarity
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-09
PRIOR PILING DATE: 2002-09-09
PRIOR RELING DATE: 2003-01-15
PRIOR PILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE DY INDEXTION: NAN INDEXTEREMENT MELICIA TEXTEMENT OF INVESTION, Short Interfering Mucleic Acid (SIAN) FILE REFERENCE: 400/137 (MRHH901-198-A)
CURRENT FILING DATE: A003-10-31
GREENT FILING DATE: A003-10-31
REIDE AFFILING DATE: A003-10-31
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PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: 60/399,348
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PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR APPLICATION NUMBER: US 60/366,782
PRIOR FILING DATE: 2002-05-06
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                                           PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
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PRIOR APPLICATION NUMBER: US 60/358,580
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                                                                                                                                        PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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SOFTWARE: PatentIn version 3.2
                             NUMBER OF SEQ ID NOS: 310
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FILING DATE: 2002-03-11
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US-10-698-311-242/c
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RECOM FILING DAYS

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RECOM MUNICIPATION NAMES DE 60/28, 500

RECOM MUNICIPATION NAMES DE 60/28, 718

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Best Local Similarity
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SEQ ID NO 241
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Publication No. US20040219671A1
GENERAL INFORMATION:
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Matches 18; Conser
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LENGTH: 19
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APPLICANT: McSwiggen, James
APPLICANT: Hacberli, Peter
APPLICANT: Chowrits, Bharat
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94.7%; Pred. No. 2.9e+02;
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Pred. No. 2.9e+02;
Nismatches 1; Indels
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Sequence 242, Application US/10698311

APPLICATION

NUMBER: US 60/393,796

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PRIOR PELIZONIONI NURSEE POT/TRO3/05028

PRIOR PELINO ARRES 2008 - POT/TRO3/05028

PRIOR MEDILIONIONI NURSEES - US 66/358,580

PRIOR MEDILIONIONI NURSEES - US 66/36,7124

PRIOR MEDILIONIONI NURSEES - US 66/36,782

PRIOR MEDILIONIONI NURSEES - US 66/366,782
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PRIOR PILING MYMBER: US 60/409,293
PRIOR APPLICATION MYMBER: US 60/409,293
PRIOR PILING MYMBER: US 60/409,293
PRIOR MYMBER: US 60/400,129
PRIOR MYMBER: US 60/400,129
MYMBER: US 60 LD NOS: 310
SUMBER: US 60 LD NOS: 310
SUMBER: US 60 LD NOS: 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 243, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                            APPLICANT, Strim Thenopenties, Inc.
APPLICANT, Schingen, Ames
APPLICANT, Schingen, Ames APPLICANT, APPLICANT, Schingen, Machiel Acid (sibA)
File SEPERSCH, 40(71) (1988)-1989
APPLICATION DOMES: UN/10/889, 111

COMMENT PRICIONATION DOMES: UN/10/889, 111
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PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-03-11
PRIOR ETLING DATE: 2002-03-11
PRIOR RELING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
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TITLE OF INVESTIGN: Short Inserfering Nucleic Acid (SINA)
FILE REFERENCE: 400/17 (MEMBO) 196-8,111
CHREST IFLING DATE: 2007-19-11
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PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Haeberil, Peter
APPLICANT: Chowrira, Bharat
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ORGANISM: Artificial Sequence
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PRIOR FILING DATE: 2002-08-29
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FILING DATE: 2002-06-06
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94.7%; Pred. No. 2
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PRIOR MEDILOTRON UNDERS. US 60/406,784
PRIOR PILLNU MUTE: 2002-08-28
PRIOR MEDILOTRON UNDERS. US 60/408,378
PRIOR PILLNU MUTE: 2002-08-06
PRIOR PILLNU MUTE: 2002-08-06
PRIOR PILLNU MUTE: 2002-08-07
PRIOR MEDILOTRON UNDERS. US 60/409,293
PRIOR MEDILOTRON UNDERS. US 60/440,129
PRIOR PILLNU MUTE: 2002-01-5
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LENGTH: 19
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR PILING DATE: 2002-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITIE OF IMPERION. BM. Taceferome Mediated Tretment of Parkinson Disease Using
TITIE OF IMPERION. DATE CONTROLLING MODELS ACId (slbA)
FILE REMEMBER. SOLD MEMBER. 158-14.
GERBERT FALLENCE MARKER, MEDIO 158-11.
GERBERT FALLENCE MARKER, MEDIO 158-11.
GERBERT FALLENCE MARKER, MEDIO 158-11.
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                                                                                                                                                                               PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/406/784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
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PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 2002-07-29
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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ORGANISM: Artificial Sequence
                                                                                                                                                         SOFTWARE: PatentIn version 3.2
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OTHER INFORMATION: Description of Artificial Sequence:
                                                 ORGANISM: Artificial Sequence
                           FEATURE:
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Local Similarity 94.7%;
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Haeberli, Peter
Chowrira, Bharat
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pred. No. 2.9e+02;
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          siNA antisense region
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JS-10-698-311-244

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using

APPLICANT: APPLICANT:

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US-10-698-311-245/c
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                             RESULT 612
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APPLICANT: McSwiggen, James
                                                                                        GENERAL INFORMATION:
                                                                                                      Sequence 246, Application US/10698311
Publication No. US20040219671A1
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Best Local
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PRIOR FILING DATE: 2002-09-05
PRIOR REPLICATION NUMBER: UB 60/409,293
PRIOR RILING DATE: 2002-09-09
PRIOR RILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: UB 60/440,129
PRIOR APPLICATION NUMBER: UB 60/440,129
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PRIOR FILING DATE: 2003-02-20
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NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
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PRIOR APPLICATION NUMBER: US 60/363,124
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PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
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                                            APPLICANT:
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                                                              APPLICANT: Sirns Therapeutics,
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                                                                                                                                                                                                                                                                                                                                                      Similarity
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McSwiggen, James
Haeberli, Peter
Chowrira, Bharat
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94.7%; Pred. No. 2.
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Pred. No. 2.9e+02
                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                           2.96+021
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                                                                                                                                                                                                                                                                                                                                                                            DB 1, Length 19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length
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PRIOR APPLICATION NUMBER: US 60/409,293

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US-10-698-311-247/c
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APPLICON: Obortic, Blanck
APPLICON: Obortic, B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 247, Application US/10698311
Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/137 (MBHB03-198-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                 R PILING DATE: 2003-02-20
R APPLICATION NUMBER: US 60/358,580
R FILING DATE: 2002-00-20
R FILING DATE: 2002-00-20
R APPLICATION NUMBER: US 60/363,124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity 94.7%;
                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/386,782
                                  APPLICATION NUMBER: US 60/408,378
                                                                                                              APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                   APPLICATION NUMBER: 60/399,348
                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2002-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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2002-09-05
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94.7%; Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
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Matches Query Match Best Local Similarity

1.1%; Score 17.4; [ 84.2%; Pred. No. 2.90 active 2; Mismatches

2.9e+02;

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DB 1; Length 19;

Target Sequence/siNA 0; Gaps

sense Ħ

117 AGGGTGTGGCAGAAGCAGC 13:

OTHER INFORMATION: Description of Artificial Sequence:

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US-10-861-060-174
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PRICE PRICE TOTAL 1003 1.0-13
PRICE PRICE PRICE TOTAL 10-13
PRICE PRICE PRICE PRICE TOTAL 10-13
PRICE PRICE PRICE TOTAL 10-14
PRICE PRICE PRICE TOTAL 10-14
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                                                                                                SOFTWARE: PatentIn version 3.3
SEQ ID NO 174
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.2
SEQ ID NO 247
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 174, Application US/10861060
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.1%;
Best Local Similarity 94.7%;
                                                                                                                                                                                                                              Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION INDEBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION UNDEBER: PCTUS03/0534
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
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TITLE OF INVESTION: Short Interference Mediated Treatment of Parkinson Disease Uning
TITLE OF INVESTION: Short Interfering
TITLE SETENBECT: 00/122 (BESSEC) 1727-29 Nuclear Acid (sixx)
Undert Application NUMBER: US/10/661,060
UNBBERT PILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
ORGANISM: Artificial Sequence
                                                          TYPE: RWA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US03/05346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AATGGCTGAGAAGACCAAA 1
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Haeberli, Peter
Chowrira, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 17.4; DB 1;
Pred. No. 2.9e+02;
                                                                                                                                                                                                                                                                     - See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
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US-10-861-060-175
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 616
                                                                                                                                                                                                                                                                                                                                                                            Sequence 176, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 1.1%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITIE OF INTENTION: Short Interfering Nucleic Acid (sinn)
FILE REFERENCE: 400/162 (MBH504-372-h)
CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS 374
SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NEIGON FILING INSTE: 2003-07-20
REIGON RIPLING INSTERN PET/URG3/05028
REIGN FILING INSTER 2003-02-20
REIGN FILING INSTER 2003-02-20
REIGN FILING INSTER 2003-10-31
REIGN FILING INSTER 2003-10-31
REIGN FILING INSTER 2004-04-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
TITLE OF INVENTION: SAN. Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: 80bc: Interference Mediated Treatment of Parkinson Disease Using TITLE REFERENCE: 400/162 (MSB04-172-A) CURBERT APPLICATION MORRES: US 10/681/690 (CURBERT FILMO DATE: 2004-06-03 (MSB04-184) 
                                                                                                                                                                                                                         APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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Pred. No. 2.9e+02;
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Best Local Similarity 84.2%;
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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APPLICANT: McSwiggen, James
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                                              APPLICATION NUMBER: PCT
                                                                                                                                                           FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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                                                                                                                            APPLICATION NUMBER:
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5. US20050137155A1
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               NUMBER: PCT/US04/13456
: 2004-04-30
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Mismatches Score 17.4; Pred. No. 2. No. 2.9e+02; DB 1; 1; Indels Length 19

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US 10/444,853

US 10/698311

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PRIOR PEPLICATION NUMBER: PCT/USO3/05346
PRIOR PELING NUMBER: PCT/USO3/05028
PRIOR APPLICATION NUMBER: PCT/USO3/05028
PRIOR APPLICATION NUMBER: PCT/USO3/0502311
PRIOR APPLICATION NUMBER: PCT/USO3/1502311
PRIOR APPLICATION NUMBER: PCT/USO3/13456
PRIOR APPLICATION NUMBER: PCT/USO3/13456
                                                                                                                                               SOFTWARE: Patentin version 3.3
SEQ ID NO 176
                                                                                                                                                                                                           Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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OTHER INFORMATION: Description of Artificial Sequence:
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                                                                 ORGANISM: Artificial Sequence
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           Target Sequence/siNA sense
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US-10-861-060-179

Application US/10861060

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US-10-861-060-178
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                                                                                                     Matches
                                                                                                                                                   Query Match
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SEQ ID NO 177
                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - 
NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-311
PRIOR FILING DATE: PCT/US04/13456
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: 10-861-060-178
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-11-24
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NUMBER OF SEQ ID NOS: 374
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                                                                                                                          Local Similarity
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FILING DATE: 2003-10-23
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UGUGGCAGAAGCACCAGGA 19
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                                                                                                                     1.1%; Score 17.4; DB 1; Length 19;
84.2%; Pred. No. 2.9e+02;

 Mismatches

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                                                                                                Migmatches
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RESULT 620
US-10-861-060-180
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                              Sequence 180, Application US/10861060
Publication No. US20050137155A1
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APPLICANT: Missagem, James APPLICANT: Missagem, 
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
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APPLICANT: MCSwi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOPTWARE: PatentIn version 3.3
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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FILING DATE: 2003-02-20
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Haeberli, Peter
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Pred. No. 2
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PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: US 10/826,966 PRIOR APPLICATION NUMBER: US 10/698,311 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03

Parkinson Disease Using

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/ OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-180
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Best Local Similarity 89.5
Matches 17; Conservative
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PRIOR FILING DATE: 2004-04-30
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FILE REFERENCE: 400/162 (MBHB04-372-A)
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                                                                          PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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         Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
                                                       PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US03/05021
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FILING DATE: 2004-01-14
                                                                                                                                                                                               APPLICATION NUMBER: PCT/US03/05340
FILING DATE: 2003-02-20
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PILING DATE: 2003-10-23
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APPLICATION NUMBER: US 10/720,448
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Haeberli, Peter
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Pred. No. 2.9e+02;
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                                     - See File Wrapper or PALM
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RESULT 623
US-10-861-060-183
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Best Local Similarity
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125 GCAGAAGCAGCAGGAAAGA 143

Conservative

1.1%; Score 17.4; DB 1; 94.7%; Pred. No. 2.9e+02; tive 0; Mismatches 1;

Length 19; Indels

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OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-181
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-861-060-182
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Publication No.
                                                                                                                                                 Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEO ID NOS 374
SOTTMARS: Patentin version 3.3
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-04-30
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                                                               TYPE: RNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                  FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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Pred. No. 2.9e+02;
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PRIOR FILING DATE: 2003-11-24

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US-10-861-060-184
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APPLICANT: String Therapeutids, Inc.
APPLICANT: Modelpin, Amena
APPLICANT: Modelpin, Amena
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                                              PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/926,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR PILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 10/693,059
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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APPLICATION NUMBER: US 10/720,448
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US-10-861-060-184
Query Match
Best Local Similarity
                                                                                                                                                                                                              SEQ ID NO 184
                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                         Remaining Prior Application data removed - 
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                               OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRICE
                                                                                                                     FEATURE:
                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                               TYPE: RNA
                                                                                                                                                                                       LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 10/444,853
PILING DATE: 2003-05-23
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1.1%;
Score 17.4; DB 1;
Pred. No. 2.9e+02;
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                       Length 19
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US-10-861-060-185
                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                              Publication No.
                                                                                      TITLE OF INVENTION: RNA Interference mediated Treatment of TITLE OF INVENTION: Short Interfering Nucleic Acid (sink) File REFERENCE: 400/162 (WHE04-73-2A) CURRENT APPLICATION NUMBER: US/10/861,060
                            PRIOR
                                                PRIOR APPLICATION NUMBER: US 10/698,311
                                                                            CURRENT FILING DATE:
                                                                                                                                                                                           APPLICANT: Haeberit, Peter
APPLICANT: Chowrite, Bharat
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APPLICATION NUMBER: US 10/826,966
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                                                                        2004-06-03
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Disease Using

PROOR FILING DATE: 0003-10-23

PROOR FILING DATE: 0003-10-23

PROOR PILING DATE: 0003-05-23

PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2004-04-16 PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR

SEQ ID NO 185

ENGTH:

TYPE: RNA

SOFTWARE: Patentin version 3. Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374

See File Wrapper or PALM

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sixA sense
RESULT 627
US-10-861-060-187
US-10-861-060-187
Sequence 187, Application US/10861060
Publication No. US20050137155A1
GENERAL INFORMATION:
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TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (SiNA)
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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hes 18; Conserve
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FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
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FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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APPLICATION NUMBER: US 10/698311
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                                                                                                                                                                                                                                                                                           129 AAGCAGCAGGAMAGACAAA 147
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Pred. No. 2.
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Pred. No. 2.9e+02,
                                                                                                                                                                                                                                                                                                                                                            Mismatches
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APPLICANT:
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Best Local S
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APPLICANT: McSwigger, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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                   FILING DATE: 2003-11-24
APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
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Score 17.4; DB 1; Length 19; Pred. No. 2.9e+02; Mismatches

Indels

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Parkinson Disease Using

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NANCANI CODWITO, BANCA
TITLE OF PUNNITION: BOAT Inceference Mediated Treatment of
TITLE OF PUNNITION: Short Incefering
TITLE SEPERANCE, 100/120 (MEMBRA-172) AUCUSTO (MEMBRA-172) AUCUSTO (MEMBRA-172) AUCUSTO (MEMBRA-172) AUCUSTO (MEMBRA-1721) 
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PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
PRIOR PILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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                                                                                                                    ORGANISM: Artificial Sequence
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Target Sequence/siNA sense
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US-10-861-060-189
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PRIOR FILLMO DATE: 0003 05-2 17
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PRIOR FILLMO DATE: 0003 05-2 17
PRIOR REPLICATION MONINE: 05/1003/05/20
PRIOR FILLMO DATE: 0003-03-2 0
PRIOR FILLMO DATE: 0003-03-2 0
PRIOR PRIOR MONINE: 05/1003/05/20
PRIOR PRIOR MONINE: 05/1003/05/20
PRIOR PRIOR DATE: 0004-04-3 0/45/99311
PRIOR REPLICATION MONINE: 05/1003/13/45/9
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                                                                                                                                  SEQ ID NO 189
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Publication No. US20050137155A1
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
FILE REFERENCE: 400/162 (MBHB04-372-A)
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LENGTH: 19
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    OTHER INFORMATION: Description of Artificial Sequence:
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT/US03/05028
                                           FEATURE:
                                                          ORGANISM: Artificial Sequence
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hes 18; Conservative
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APPLICATION NUMBER: PCT/US04/13456
PILING DATE: 2004-04-30
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Pred. No. 2
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    Target Sequence/siNA sense
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US-10-861-060-190
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GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
                                                                                                Sequence 193, Application US/10 Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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Local Similarity

1.1%; Score 17.4; DB 1; Length 19; 34.7%; Pred. No. 2.9e+02;

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Mismatches

Conservative

133 AGCAGGANAGACAJUMGAG 153

ACCAGGAAAGACAAAAGAG 19 Application US/10861060

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US-10-861-060-190
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                                                SEQ ID NO 190
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Best Local Similarity
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                                                                      Remaining Prior Application data removed - 
NUMBER OF SEQ ID NOS: 374
SOFTMARE: Patentin version 3.3
                                                                                                                                                  PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION INMERS: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION HOMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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APPLICANT MADISTRY, Bereat
APPLICANT MADERIA, Peece
APPLICANT MADERIA, Peece
TITUS OF INVENTION, BND. Interference Mediated Transment of
TITUS OF INVENTION, BND. Thereforing Modelic Acid (8188)
FILE REFERENCE: 00/162 (MEMBOL-172-A)
FILE REFERENCE: 00/162 (MEMBOL-172-A)
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US03/05021
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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CURRENT FILING DATE: 2004-06-03
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TYPE: RNA
                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
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Pred. No. 2.9e+02;
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                                                                                                                            See File Wrapper or PALM
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Chowrira, Bharat

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US-10-861-060-194
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Publication No. US20050137155A1
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TITLE OF IMPENTION: Short Interfering Nucleic Acid (SINA)
FILE REPERENCE: 400/162 | MBHHMC: 272-N ...
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NUMBER OF SEQ ID NOS: 374
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PRIOR PILING DATS: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/U804/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/658,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Short Interfering Nucleic Acid (sina) FILE REFERENCE: 400/162 (MBHB04-372-A)
                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
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                                                                                                    PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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                                                                         PRIOR FILING DATE:
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FILING DATE: 2003-02-20
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FILING DATE: 2003-10-23
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FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT
                                                    APPLICATION NUMBER: US 10/444,853
                                                                                                                                                   APPLICATION NUMBER: US 10/720,448
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Haeberli, Peter
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                                                                         2003-10-23
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PCT/US03/05346
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Pred. No. 2.9e+02;
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                                                         US-10-861-060-195
     Query Match
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PRIOR APPLICATION NUMBER PETT/US03/05028
PRIOR PATLING DATE: 2003-02-20
PRIOR PATLING DATE: 2003-02-20
PRIOR PATLING DATE: 2003-10-31
PRIOR PATLING DATE: 2003-10-31
PRIOR PATLING DATE: 2004-04-3
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2004-04-16
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                                                                               OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                   TYPE: RNA
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US-10-861-060-194
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LENGTH: 19
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Publication No. US20050137155A1
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TITUE OF INVESTION: IRAN Interference Mediated Treatment of TITUE OF INVESTION: Short Interfering Nucleic Acid (sinh) FILE REFERENCE: 400/165 (MEHRO4-172-A) LOURSEN APPLICATION NUMBER: 480/10-66,060 CHERRY FILING INTE: 2004-06-03
                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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Chowrira, Bharat
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    Mismatches

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FEATURE:

APPLICATION NUMBER: PCT/US03/05346 APPLICATION NUMBER: US 10/444,853

See File Wrapper or

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US-10-861-060-197
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US-10-861-060-196
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                                                                                                                                                          GENERAL INFORMATION:
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Publication No. US20050137155A1
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                                                                     APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Poter
                                                 APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR REPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US04/13456
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INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using INVENTION: Short Interfering Nucleic Acid (sina)
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                                                                                                                                 Inc.
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Pred. No. 2.9e+02;
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Matches Query Match

Conservative

68.4%;

Score 17.4; Pred. No. 2 Mismatches 4; DB 1; 2.98+02;

Length 19

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Gaps 9

Best Local Similarity

GENERAL INFORMATION Sequence 198, Application US/10861060 Publication No. US20050137155A1

APPLICANT: APPLICANT: McSwiggen, Jam APPLICANT: Sirna Therapeutice,

Chowrira, Bharat Haeberli, Peter

APPLICANT:

TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sinh) FILE REFERENCE: 400/165 (MRHB04-372-A)

PRIOR FILING DATE: 2003-05-23 PRIOR APPLICATION NUMBER: PCI PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR APPLICATION NUMBER: US 10/720,448 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-11
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03

APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028

FILING DATE:

2003-02-20

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US-10-861-060-197
                                                                                                                                                                        SEQ ID NO 197
                                                                                                                                                                                         Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF EGO ID NOS: 374
SOFTWARE: Patentin Version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 400/162 (MHHB04-372-A)
CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/898,311
RAIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2004-04-16
                                                          TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2004-01-14
                 OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
                                                                                                                                           ENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
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APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
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US-10-861-060-198
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ENGOS PELING MARE: 2003-06-2/03
PELOR MEDILOCATION NUMBER: PCT/USO3/05028
PELOR MEDILOCATION NUMBER: PCT/USO3/05028
PELOR MEDILOCATION NUMBER: PCT/USO3/05028
PELOR MEDILOCATION NUMBER: PCT/USO3/05346
PELOR MEDILOCATION NUMBER: PCT/USO3/0534
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MUMBER OF SEO ID NOS: 374
SOPTMARE: Petentin version 3.3
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PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PC7/U804/13456
PRIOR PILING DATE: 2004-04-30
                                                                                                                                          Query Match
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION INVESE: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2003-05-23
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NUMBER OF SEQ ID NOS: 374
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                       y Match 1.1%; Score 17.4; DB 1; Length 19
Local Similarity 73.7%; Pred. No. 2.9e+02;
hes 14; Conservative 4; Mismatches 1; Indels
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73.7%; Pred. No. 2.9
ative 4; Mismatches
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US-10-861-060-200
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SERICION: GROWING BRANCH CONTROL BARRY OF PARKINGO DISCOUNT GROWING BRANCH CONTROL BRANCH CONTRO
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Publication No.
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UGUGGCMACAAUGGCUGAG 19

McSwiggen, James Application US/10861060

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US-10-861-060-200
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LENGTH: 19
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TITLE OF INVENTION: ABOUT Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2004-01-14
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: US 10/444,853
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                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense
                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                             Local Similarity
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FILING DATE: 2004-04-30
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199 TGTGGCAACAGTGGCTGAG 217
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o. US20050137155A1
                                                   1.1%; Score 17.4; DB 1
73.7%; pred. No. 2.9e+02
Live 4; Mismatches
                                                                                                            DB 1; Length 19
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NUMBER: US 10/698,311 2003-10-31

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; OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-201
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Publication No. US20050137155A1
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Best Local Similarity
                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03
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LENGTH: 19
                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Chowrirs, Sharat
TITLE OF INVENTION: RNA Interference Mediated Treatment
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrize, Bharas
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NUMBER OF SEQ ID NOS: 374
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                                                                      APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
                                                                                                                APPLICATION NUMBER: PCT/US03/05346
PILING DATE: 2003-02-20
                                                                                                                                                           FILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
                       APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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APPLICATION NUMBER: PCT/US04/13456
PILING DATE: 2004-04-30
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APPLICATION NUMBER: US 10/698311
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NUMBER: PCT/US04/1345
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Pred. No. 2.9e+02;
3; Mismatches 1; Indels
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US-10-861-060-203
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                                                                                                     SOFTWARE: PatentIn version 3.3
SEQ ID NO 203
LENGTH: 19
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Best Local Similarity
                                                                                                                                                                        Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/0534
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2004-04-16
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PRIOR APPLICATION NUMBER: US 10/698,311
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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                                                     ORGANISM: Artificial Sequence
                                                                                  TYPE: RNA
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Chowrira, Bharat
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o. US20050137155A1
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    Description of Artificial Sequence:
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Pred. No. 2.9e+02;
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    Sequence/siNA sense
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US-10-861-060-203

Matches Best Local Query Match

Similarity

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Publication No. US20050137155A1
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APPICIONE: Médité de la Companio del Companio de la Companio de la Companio del Companio de la Companio del Companio del Companio del Companio de la Companio de la Companio de la Companio del Companio
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/757,803
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ORGANISM: Artificial Sequence
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Haeberli, Peter
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84.2%; Pred. No. 2.90
ative 2; Mismatches
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PRIOR APPLICATION NUMBER: US 10/720,448
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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinA sense US-10-861-060-205
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                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                    FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-0-31
APPLICATION NUMBER: PCT/US04/13456
FILING DATE: 2004-04-30
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APPLICATION NUMBER: PCT
FILING DATE: 2003-02-20
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APPLICATION NUMBER: US 10/693,059
FILING DATE: 2003-10-23
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Best Local Similarity 204 CAACAGTGGCTGAGAAGAC 222 16; Conservative 1.1%; Score 17.4; 84.2%; Pred. No. 2. Mismatches 2.9e+02; DB 1; Length 19; 0 0

GENERAL INFORMATION: Sequence 206, Application US/10 Publication No. US20050137155A1 APPLICANT: Sirna Therapeutics, McSwiggen, Application US/10861060

TITLE OF INVENTION: RNA Interference Mediated Treatment
TITLE OF INVENTION: Short Interfering Nucleic Acid (si
FILE REFERENCE: 400/162 (MBHB04-372-A) Chowrira, Bharat Parkinson Disease Using

PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 PRIOR APPLICATION NUMBER: US 10/757,803

PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23 PRIOR FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: PCT/US03/05028 PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed - See File Brapper or PALM
NUMBER OF SEQ ID NOS: 374 PRIOR APPLICATION NUMBER: US 10/698311 PRIOR FILING DATE: 2003-10-31

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     RESULT 646
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MUMBER OF SEQ 1D NGS: 374
SOTTMARE: PatentIn version 3.3
SEQ ID NO 207
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/698,311
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2, Mismatches
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Pred. No. 2.9e+02;
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Publication No. US20050137155A1
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APPLICANT: Strong prop. James
APPLICANT: ASSIGNATION: Assignation of Parkinson Disease Using
APPLICANT: Besberli: Peters
TIPLIC OF INTERTION: Short Interfering Mediated Transformt of Parkinson Disease Using
TIPLE OF INTERTION: Short Interfering Audiated Acid (siMA)
TIPLE REFERENCE: 400126 (1988)494-194
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CURBERT APPLICATION MYMERS: 40910/661.060
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CURBERT APPLICATION MYMERS: 40910/661.060
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                                                                                 PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                           PRIOR FILING DATE: 2004-04-16
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207 CAGTGGCTGAGAAGACCAA 225 16; Conservative 1 CAAUGGCUGAGAAGACCAA 19

84.2\*;

1.1%; Score 17.4; DB 1; Length 19 34.2%; Pred. No. 2.9e+02; Mismatches

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US-10-861-060-208
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SEQ ID NO 208
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05026
PRIOR FILING DATE: 2003-02-20
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APPLICANT: McSwiggen, James
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                                                                                                                                           Remaining Prior Application data removed - See File Wrapper or PALM
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PRIOR APPLICATION NUMBER: US 10/757,803
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FEATURE:
                     ORGANISM: Artificial Sequence
                                          TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                   R FILING DATE: 2003-10-23
R APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2003-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 10/720,448
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                                                                                                                                      FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Chowrira, Bharat
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US-10-861-060-212/c
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PRIOR APPLICATION NUMBER: PC7/US03/05028
PRIOR FILING DATE: 200-02-20
PRIOR FILING DATE: 200-02-20
PRIOR FILING DATE: 200-04-20
PRIOR PRIORITION NUMBER: PC7/US04/13456
PRIOR PRIORITION NUMBER: PC7/US04/13456
PRIOR FILING DATE: 200-04-20
REMAINING FILING DATE: 200-04-20
REMAINING FILING DATE: 200-04-20
REMAINING FILING DATE: 300-04-30
REMAINING FILING FIL
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10-861-060-209
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              SOFTWARE: PatentIn version 3.3
SEQ ID NO 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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                                                                                                                                                               Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAUGGCUGAGAAGACCAAA 19
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Chowrira, Bharat
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Pred. No. 2.
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                                                                                                                                                                                                                                                     See File Wrapper or PALM
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US-10-861-060-214/c
; Sequence 214, Application US/10861060
; Publication No. US20050137155A1
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PRICE FILING DATE: 2001-05-24

PRICE FILING DATE: 2001-05-26

PRICE FILING DATE: 2001-05-26

PRICE PR
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SEQ ID NO 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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PRIOR FILING DATE: 2003-11-24
PRIOR PELICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853

PRIOR

PRIOR APPLICATION NUMBER: US 10/757,803

APPLICATION NUMBER: US 10/720,448

Remaining Prior Application data NUMBER OF SEQ ID NOS: 374

removed -

See File Wrapper or PALM

OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region

118 GGGTGTGGCAGAAGCAGCA 136

Conservative

1.1%; Score 17.4; DB 1; 94.7%; Pred. No. 2.9e+02; 0; Mismatches

Length 19.

Gaps

0

19 GGGTGTGGCAGAAGCACCA 1

PEATURE:

ORGANISM: Artificial Sequence

ENGTH: 19

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US-10-861-060-212
                                                                                                                                                                                                                                                                                                                                                                                    US-10-861-060-213/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 1.1%;
Best Local Similarity 94.7%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                  CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
                                                                                                             TITLE OF HUMBITION: RAN Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sINA) FILE REFERENCE: 400/126 (MSHB04-375-A) CHREST REFLICATION MOMERIS: US/2/0681.60
                                                                                                                                                                                                                  APPLICANT: Chowrira, Bharat
                                                                                                                                                                                                                                     APPLICANT: Haeberli, Peter
                                                                                                                                                                                                                                                             APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                     APPLICANT: Sirns Therapeutics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          117 AGGGTGTGGCAGAAGCAGC 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19 AGGGTGTGGCAGAAGCACC
                                                                                                                                                                                                                                                                                                                                Application US/10861060
o. US20050137155A1
                                                                                                                                                                                                                                                                                         Inc
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Pred. No. 2.9e+02;
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GENERAL INFORMATION

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; OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region US-10-861-060-214
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PRIOR PILLING NAME: 2003-05-20
PRIOR MEDICATION KNOMER: PCT/US03/05346
PRIOR MEDICATION KNOMER: PCT/US03/05048
PRIOR MEDICATION KNOMER: PCT/US03/05028
PRIOR MEDICATION KNOMER: PCT/US03/05028
PRIOR MEDICATION KNOMER: US 10/689311
PRIOR MEDICATION KNOMER: US 10/689311
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ANDRICANT: Strain Therapeutids.
ANDRICANT: Schoolings. Jones
ANDRICANT: About an Andrew And
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NUMBER OF SEQ ID NOS: 374
SOPTWARE: PatentIn version 3.3
SEQ ID NO 214
LENGTH: 19
                                                                                                    PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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TYTUE OF INVENTION: Short Interfering Nucleic Acid (SINA)
FILE REFERENCE: 400/162 (MBH804-372-A)
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: 2003-11-24
NUMBER: US 10/693,059
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94.7%; Pred. No. 2.9e+02;
tive 0; Mismatches 1; Indels
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PRIOR APPLICATION NAMERA US 10/757,801
PRIOR FILING DATE: 2004-01.41
PRIOR PRINCE DATE: 2014-01.41
PRIOR MAPPLICATION NAMERA US 10/720,448
PRIOR MAPPLICATION NAMERA US 10/720,449
PRIOR MAPPLICATION NAMERA US 10/693,059
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PRIOR MAPPLICATION NAMERA US 10/444,853
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                                                                                                                                                                                                                              Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
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PRIOR FLIANG DATE: 2003-02-20
PRIOR PLIANTION NUMBER: PCT/US03/05028
PRIOR FLIANG DATE: 2003-02-20
PRIOR RELIANG DATE: 2003-02-31
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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APELCONT: Strim Threspectic, Inc.
APELCONT: Mesdagn, James
APELCONTON Messagn, James
APELCONTON Messagn, US/10/661, 860
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION NUMBER: US 10/444,853
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ORGANISM: Artificial Sequence
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US-10-861-060-217/c
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                                                                                        Sequence 218, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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Best Local
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
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FILING DATE: 2003-02-20
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FILING DATE: 2004-04-30
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SEQ ID NO 218
LENGTH: 19
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GENERAL INFORMATION:
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Publication No. US20050137155A1
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PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: US 10/720,448
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PILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/693,059
APPLICATION NUMBER: US 10/444,853
FILING DATE: 2003-05-23
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Pred. No. 2.9e+02;
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OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
US-10-861-060-220
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US-10-861-060-220/c
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LENGTH: 19
                                                                                                                                            SEQ ID NO 220
LENGTH: 19
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APPLICANT: Chastra, Barter
APPLICANT: Chostra, Barter
TITLE OF INVENTION: SNA Interfering Mediated Treatment of
TITLE OF INVENTION: Short Interfering April Acid (BIA)
File Reference: 400/162 (MemBed-477-A)
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                                                                                                                                                                                     SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-10-31
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CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION UNMERS. PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed
MUMBER OF SEQ ID NOS: 374
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NUMBER OF SEQ ID NOS: 374
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                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/US03/05028
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REIOR FILME DATE: 2003-02-20
REIOR APPLICATION NUMBER: PCT/US03/05028
REIOR FILME DATE: 2003-02-20
REIOR FILME DATE: 2003-02-20
REIOR APPLICATION NUMBER: US 10/698311
                                                                                      ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                            PEATURE:
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                                                                                                            Sequence 222, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION:
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Best Local :
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LENGTH: 19
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                           APPLICANT:
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TITLE OF INVENTION:
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                                                                                      APPLICANT: Sirna Therapeutics,
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                                                                                                                                                                                                                                                                                                               126 CAGAAGCAGCAGGAAAGAC 144
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                                                                                                                                                                                                                                                                                                                                                                                   Similarity
                           Haeberli, Peter
Chowrira, Bharat
                                                                   McSwiggen,
                                                                                                                                                                                                                                                                                                                                                                 Conservative
    RNA Interference Mediated Treatment of Parkinson Disease Using
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Score 17.4; Pred. No. 2. Mismatches 2.9e+02

DB 1;

Length 19;

Gaps

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Query Match 1.1%;
Best Local Similarity 94.7%;
Matches 18; Conservative
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CURRENT FILING DATE: 2004-06-03
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TITLE OF INVENTION: RNA Interference Wediated Treatment of
TITLE OF INVENTION; Short Interfering Nucleic Acid (siNA)
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                                                                                                                                                               SOFTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2004-04-16
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OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                                                                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                               PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-01-14
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                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US03/05346
FILING DATE: 2003-02-20
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Chowrira, Bharat
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US-10-861-060-222
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PRICE PLIAND CHES. 2003-10-31
PRICE PLIAND CHES. 2003-10-31
PRICE PLIAND CHES. 2004-10-4
PRICE PLIAND CHES. 2004-10-4
PRICE PLIAND CHES. 2006-11-4
PRICE PLIAND CHES. 2006-11-4
PRICE PLIAND CHES. 2006-11-4
PRICE PLIAND CHES. 2006-11-4
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PRICE PLIAND CHES. 2005-10-4
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVERTION: BBM Interference Mediated Treatment of TITLE OF INVERTION: Short Interfering Nucleic Acid (siNs) PILE REFERENCE: 400/152 (MBH04-737-N) CURRENT APPLICATION NUMBER: US/10/651,060 CURRENT FILLMS DATE: 2004-06-03
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/826,966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
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PILING DATE: 2003-10-23
APPLICATION NUMBER: US 10/444,853
PILING DATE: 2003-05-23
APPLICATION NUMBER: PCT/US03/05346
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                                                                                   APPLICATION NUMBER: PCT/US03/05346
                                                                                                                        FILING DATE: 2003-05-23
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Haeberli, Peter
Chowrira, Bharat
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                                     2003-02-20
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PCT/US03/05028
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Pred. No. 2.
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Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
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US-10-861-060-223
                                                                                                                                                               SEQ ID NO 223
LENGTH: 19
Query Match
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILTM: DATE: 2004-04-30
Remaining Prior Application data removed -
NUMBER OF ESC IL DIOS: 374
SOFTMARE: Patentin version 3.3
                                                                      OTHER INFORMATION: Description
                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                            TYPE: RNA
                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 10/698311
                                                                      of Artificial Sequence:
                                                                                                                                                                                                                                                        See File Wrapper or PALM
    Length 19
                                                                          siNA antisense region
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Macches Local Similarity 128 GAAGCAGCAGGAAAGACAA 146 19 GAAGCACCAGGAAAGACAA 1 18; Conservative 94.7%; 0: Score 17.4; Pred. No. 2. Mismatches DB 1; Indels 0 ç

TITLO OF NUMERICA: BNA Interference Mediated Treatment of Envisionen Disease Waing TITLO OF NUMERICA: 600/162 (MEMBRO-172-A) FILE REFERENCE: 600/162 (MEMBRO-172-A) GREAT APPLICATION MONRES: MEJIOGES-1060 (MEMBRO-172-A) GREAT APPLICATION MONRES: MEJIOGES-1060 (MEMBRO-172-A) GREAT MEDIATION DATE: 2004-06-20 (MEMBRO-171) APPLICATION DATE: 2004-06-20 (MEMBRO-171) APPL APPLICANT: APPLICANT: APPLICANT: Sirna Therapeutics, APPLICANT: McSwiggen, James PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966 Haeberli, Peter Chowrira, Bharat

PRIOR APPLICATION NUMBER: PCT/US04/13454
PRIOR FILING DATE: 2004-04-30 PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31 PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05340
PRIOR FILING DATE: 2003-02-20 PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23 PRIOR APPLICATION NUMBER: US 10/444,853 PRIOR APPLICATION NUMBER: US 10/720,448 PRIOR FILING DATE: 2004-01-14 APPLICATION NUMBER: PCT/US03/05028

SOFTWARE: PatentIn version 3.3 SEQ ID NO 224 LENGTH: 19 Remaining Prior Application data NUMBER OF SEQ ID NOS: 374 removed See File Wrapper or PALM

; OTHER INFORMATION: Description of Artificial US-10-861-060-224 ORGANISM: Artificial Sequence FEATURE: Sequence: siNA antisense region

Query Match Best Local Similarity Matches 18; Conserv 1.1%; Score 17.4; DB 1; Length 19; Pred. No. 2.9e+02; 0; Mismatches 1; Indels 0,

CURRENT FILING DATE: 2004-06-03

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US-10-861-060-226/c
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GENERAL INFORMATION:
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               APPLICANT: Chowrite, Bharet
TITLE OF INVENTION: RNA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (SINA)
FILE REFERENCE: 400/152 (MSHE04-772-A)
                                                                                                                          APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: US 10/698311
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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TITIR OF IMVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 (MEMBO4-372-A)
CHREST APPLICATION NUMBER: UP:10/16/61,660
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CURRENT APPLICATION NUMBER: US/10/861,060
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                                                                               Parkinson Disease Using
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US-10-861-060-227/c
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NUMBER OF EEO ID NGS: 374
SOFTWARE: Parentin version 3.3
SEO ID NG 248
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Best Local Similarity
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                             PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2003-05-23
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PRIOR FILING DATE: 2003-10-23
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PRIOR PILING DATE: 2003-11-24
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PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
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APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              131 GCAGCAGGAAAAG 149
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LENGTH: 19
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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MYMBER OF SEQ ID NOS: 374
SOPTMARE: Pacentin version 3.3
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-01-14
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                  Local Similarity
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FILING DATE: 2003-10-23
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Haeberli, Peter
Chowrira, Bharat
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                                                                                                                                  4; DB 1; Length 19;
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PRIOR PRICTOR PRICTORY NO. 1003-05-23
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PRICTOR PRICTORY NO. 1003-05-20
PRICTORY NO. 1003-
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR APPLICATION NUMBER: US 10/720,448
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NUMBER OF SEQ ID_NOS: 374
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PEATURE: OTHER INFORMATION: Description of Artificial Sequence: sina antisense
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133 AGCAGGAAAGACAAAAGAG 151

PRIOR FILING DATE: 2003-10-31

192 TGCATGGTGTGGCAACAGT 210

region 0

19 TGCATGGTGTGGCAACAAT 1 Conservative 1.11, 0 Score 17.4; Pred. No. 2. Mismatches DB 1; Length 19 0

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US-10-861-060-231/c

; Sequence 231, Application US/10861060

; Publication No. US20050137155A1
                                                                                            PILOS DEFENDACION MEMBER 1951-000

CURBENT PILITON MEMBER 1951-000

CURBENT PELICATON MEMBER 1951-060

CURBENT PILITON MEMBER 1951-0601

CURBENT PILITON DATE: 2004-06-07
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
                                                                                                                                                                                                                                                                          APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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US-10-861-060-233/c
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PRIOR FILMS DATE: 2001-10.11
PRIOR PEDICATION NUMBER: US 10/82,966
PRIOR APPLICATION NUMBER: US 10/75,801
PRIOR APPLICATION NUMBER: US 10/75,801
PRIOR APPLICATION NUMBER: US 10/75,4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-861-060-232
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SEQ ID NO 232
LENGTH: 19
                                                                                                                                                             PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                               PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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CURRENT FILING DATE: 2004-06-03
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APPLICANT: Messagen, James
APPLICANT: Messagen, James
APPLICANT: Messagen, James
APPLICANT: Messagen, James
TITLE OF INVENTION: No. Interfering worket Area of Colonia (Ministry) (Ministry)
TILE REFERENCE: 400/122 (Ministry-1274A)
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: US 10/693,059
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                                                                FILING DATE: 2003-02-20
APPLICATION NUMBER: US 1
FILING DATE: 2003-10-31
                                                                                                                                      APPLICATION NUMBER: PCT/US03/05021
                           FILING DATE: 2004-04-30
                                              APPLICATION NUMBER: PCT/US04/13456
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APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
APPLICATION NUMBER: US 10/698311
FILING DATE: 2003-10-31
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FILING DATE: 2004-01-14
APPLICATION NUMBER: US 10/720,448
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FILING DATE: 2004-04-30
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APPLICATION NUMBER: US 10/444,853
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    Prior Application data removed
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                                                                                            US 10/698311
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Pred. No. 2.9e+02;
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See File Wrapper or PALM
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Query Match Best Local S

Similarity

94.7%;

Conservative

0 Score 17.4; DB 1; Pred. No. 2.9e+02;

Mismatches

DB 1,

Length 19

Matches

195 ATGGTGTGGCAACAGTGGC 213

19 ATGGTGTGGCAACAATGGC 1

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US-10-861-060-234
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SOFTWARE: Patentin version 3.3
SEQ ID NO 233
LENGTH: 19
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Best Local Similarity
                                                                                                                                                             SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION HUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION HUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
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PRIOR FILING DATE: 2004-04-16
PRIOR PRIOR PRIOR NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NRA Interference Mediated Treatment
TITLE OF INVENTION. Short Interfering Nucleic Acid (sil
FILE REFERENCE: 400/162 (MBHB04-372-A)
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                                                                  ORGANISM: Artificial Sequence
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                                          FEATURE:
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ORGANISM: Artificial
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Haeberli, Peter
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         Description of Artificial Sequence: sinA antisense region
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Pred. No. 2.9e+02;
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US-10-861-060-236/c
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NUMBER OF SEQ ID NOS: 374
SOTTWARE: PatentIn version 3.3
SEQ ID NO 235
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                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    Sequence 236, Application US/10861060
Publication No. US20050137155A1
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CURRENT PLIAN DATE: 2004 06-03
PRIOR APPLICATION KUMBER: US/20/861,060
CURRENT FILMS DATE: 2004 06-03
PRIOR APPLICATION KUMBER: US 10/698,311
PRIOR FILMS DATE: 2003-10-31
PRIOR FILMS
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PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
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APPLICANT: McSwiggen, James
                                                              CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/658,311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                         TITLE OF INVENTION: RAM Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (slim) FILE REFERENCE: 400/62 (Member-172-M)
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APPLICANT: McSwiggen, James
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PILING DATE: 2003-02-20
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                   APPLICATION NUMBER: US 10/826,966
FILING DATE: 2004-04-16
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APPLICATION NUMBER: US 10/757,803
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Chowrira, Bharat
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Chowrira, Bharat
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pred. No. 2.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   - See File Wrapper or PALM
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US-10-861-060-236
                                                                                                                                  SEQ ID NO 236
LENGTH: 19
                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
                                                                                                                                                                                        SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/693,059
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2004-01-14
                           OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
                                                                                 ORGANISM: Artificial Sequence
                                                                                                                  TYPE: KWA
                                                PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2003-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2003-11-24
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197 GGTGTGGCAACAGTGGCTG 215
19 GGTGTGGCAACAATGGCTG 1
                                             Conservative
                                               0
                                                  Mismatches
                                                  0
                                                  Gaps
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1.1%;

Score 17.4; Pred. No. 2

2.90+02;

DB 1; Length 19

US-10-861-060-237/c GENERAL INFORMATION Sequence 237, Application US/10861060 Publication No. US20050137155A1 APPLICANT: Sirna Therapeutics, Haeberli, Peter Chowrira, Bhara McSwiggen, James Bharat

TITUE DE INVENTION: BAN Interference Mediated Treatment of TITUE DE INVENTION: Short Interfering Nucleic Acid (siNA) FILE REFERENCE: 400/162 (DEMEMO4-372-A) CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILMS UNIE: 2004-56-33 Parkinson Disease

PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR PELLONG DATE: 2003-02-20
PRIOR PELLONG DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR FILING DATE: 2004-04-30
PRIOR FILING DATE: 2004-04-30 PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR FILING DATE: PCT/U803/05346 PRIOR FILING DATE: 2003-11-24 PRIOR APPLICATION NUMBER: US 10/693,059 PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24 PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: US 10/698,311 PRIOR FILING DATE: 2003-02-20

SOFTWARE: PatentIn version 3.3 SEQ ID NO 237 Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374 See File Wrapper or PALM

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RESULT 673
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BRICE FILME DATE: 003-10-31
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                                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 238
LENGTH: 19
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SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR PILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03
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Publication No. US20050137155A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
FILE REFERENCE: 400/162 (MBHB94-372-A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hasberli, Feter APPLICANT: Chowring, Bharat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Sirna Therapeutics,
APPLICANT: McSwiggen, James
                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                             Local Similarity
                                                                                                                                                   199 TGTGGCAACAGTGGCTGAG 217
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                                                                                                       19 TGTGGCAACAATGGCTGAG
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Pred.
                                                                                                                                                                                                                             Pred. No. 2.
                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 240, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                  TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Diesase Using TITLE OF INVENTION: Short interfering Nucleic Acid (six) FILE REFERENCE: 400/162 (M98804-372-3) CURRENT PAPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03 CURRENT FILING DATE: 2004-06-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                            PRIOR FILING DATE: 400-40-41
PRIOR FILING DATE: 400-40-41
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 4004-04-16
PRIOR PPLICATION NUMBER: US 10/757,803
                                                                                                                                                                                                                                                                                        APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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200 GTGGCAACAGTGGCTGAGA 218 19 GTGGCAACAATGGCTGAGA 1 Conservative 94.7

1.1%; Score 17.4; DB 1; 14.7%; Pred. No. 2.9e+02; 0; Mismatches

DB 1, Length 19 0

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US-10-861-060-239/c

Sequence 239, Application US/10861060

FILING DATE:

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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILMO DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR APPLICATION NUMBER: US 10/644,853
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR APPLICATION NUMBER: US 10/444,853
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GREENL AND MALICATE PAPELLER INC.
APPLICATION NO. 1809/1003/196A
APPLICATION NO. 1809/196A

                                                                                                                                                                        SOFTWARE: Patentin version 3.3
SEQ ID NO 239
LENGTH: 19
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CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION UNMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-02-20
ORGANISM: Artificial Sequence
                                                                                                          TYPE: RNA
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US-10-861-060-241/c
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PRIOR PELLOR DATE: 2003-05-24

PRIOR PILING DATE: 2003-05-20

PRIOR PILING DATE: 2003-05-20

PRIOR PILING DATE: 2003-05-21

PRIOR PELLORIUM HOMERS: EST (1983)11

PRIOR PELLORIUM HOMERS: EST (1983)11

PRIOR PELLORIUM HOMERS: EST (1983)11

PRIOR PELLORIUM HOMERS: EST (1984)13456

PRIOR PELLORIUM HOMERS: EST (1984)13456

PRIOR PELLORIUM HOMERS: EST (1984)13456
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PACOR FILHEN DAYS 2003-10-11
PACOR FILHEN DAYS 2003-10-11
PACOR REPLICATION NOMERO US (1/26,96)
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PACOR PALIANO DAYS 2004-10-11 (1/27,96)
PACOR NELHON DAYS 2003-11-14 (1/27,96)
PACOR NELHON DAYS 2003-11-14 (1/27,96)
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                                                                                                                                                                  SOFTWARE: PatentIn version 3.3
SEQ ID NO 241
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR PILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR PILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
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PRIOR FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
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ORGANISM: Artificial
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ORGANISM: Artificial Sequence
                                                                                                                ENGIH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 10/444,853
PILING DATE: 2003-05-23
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Chowrira, Bharat
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                         See File Wrapper or PALM
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; FEATURE:
; OTHER INFORMATION:
US-10-861-060-241
                                       Description of Artificial Sequence:
  DB 1,
Length 19,
                                             siNA antisense
                                             region
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Query Match
Best Local Similarity
Natches 18; Conser
202 GGCAACAGTGGCTGAGAAG 220
                        Conservative
                                  1.11;
                        0; Mismatches
                                  Score 17.4;
Pred. No. 2.9
                                    2.9e+02;
                           Indels
                           ç,
                           0
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19 GGCAACAATGGCTGAGAAG 1
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Sequence 242, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Hasherli, Peter
APPLICANT: Chasherli, Peter
TITLE OF INVENTION: BMA Interference Mediated Treatment of
TITLE OF INVENTION: Short Interfering Nucleic Acid (sinn)
Fils REFERENCE: 400/162 [MBHB04-372-A]
                                                                                                                                                                          APPLICANT: McSwiggen,
                                                                                                                                                                                                     APPLICANT: Sirna Therapeutics,
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Parkinson Disease Using

CURRENT APPLICATION NUMBER: US/10/861,060
CURRENT FILING DATE: 2004-06-03

PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILMS DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803 PRIOR APPLICATION NUMBER: US 10/698,311

PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448 PRIOR FILING DATE: 2003-11-24 PRIOR APPLICATION NUMBER: US 10/693,059

PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346 PRIOR FILING DATE: 2003-02-20

PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31 PRIOR APPLICATION NUMBER: PCT/US04/13456

PRIOR APPLICATION NUMBER: PCT/US03/05028

Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 374 PRIOR FILING DATE: 2004-04-30 See File Wrapper or

SOPTWARE: PatentIn version 3.3 SEQ ID NO 242 LENGTH: 19

ORGANISM: Artificial Sequence

, OTHER INFORMATION: Description of Artificial Sequence: US-10-861-060-242 FEATURE: siNA antisense region

203 GCAACAGTGGCTGAGAAGA 221 19 GCAACAATGGCTGAGAAGA Conservative Mismatches

Similarity

94.7%;

Score 17.4; DB 1; Pred. No. 2.9e+02;

Length 19

0

0

US-10-861-060-243/c RESULT 677

Sequence 243, Application US/10861060 publication No. US20050137153A1 GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.

Peter

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US-10-861-060-243
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Best Local Similarity
                                                                                                                                                                                                                                                                                 TITLE OF INMENTION: NAN Interference Mediated Treatment of Parkinson Disease Weing TITLE OF INMENTION: Note: Interfering Woolsic Acid (slNs) FILE REFERENCE: 400/165 (MRHB04-272-8) CORRENT APPLICATION NUMBER: US/10/601,060 CORRENT FILMS DATE: 2004-60-03.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                         PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
                                                                                                                                                                             PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2004-04-16
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 10/698,311
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NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
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     APPLICATION
                                                    APPLICATION NUMBER: US 10/693,059
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                          FILING DATE: 2003-10-23
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Haeberli, Peter
Chowrira, Bharat
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NUMBER: US 10/444,85
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Pred. No. 2
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2.9e+02;
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US-10-861-060-245
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US-10-861-060-245/c
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                                                                                                                        Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 374
SOFTWARE: Patentin version 3.3
SEQ ID NO 245
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GENERAL INFORMATION
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Best Local Similarity
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APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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NUMBER OF SEQ ID NOS: 374
SOFTWARE: PatentIn version 3.3
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PRIOR RILING BATE: 2003-02-20
PRIOR APPLICATION WINERE: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION WINERE: US 10/698311
PRIOR APPLICATION WINERE: US 10/698311
OTHER INFORMATION: Description of Artificial Sequence:
                         TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-05-23
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR FILING DATE: 2004-04-30
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                                                                                                    LENGTH: 19
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FILING DATE: 2003-02-20
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Pred. No. 2.
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siNA antisense region
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US-10-861-060-246/c
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Best Local Similarity 94.7%;
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Matches
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                                                                                      GENERAL INFORMATION:
                                                                                                        Sequence 247, Application US/10861060
Publication No. US20050137155A1
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FILE REFERENCE: 400/162 (MRH804-372-8)
CURRENT APPLICATION NUMBER: U5/10/1851,060
CURRENT FILING DATE: 2004-06-03
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NUMBER OF SEQ ID NOS: 374
SOPTWARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
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PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
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PRIOR PILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
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PRIOR PILIMA DATE: 2004-04-15
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILIMG DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR FILING DATE: 2003-10-31
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                  APPLICANT:
                                                           APPLICANT: Sirns Therapeutics, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                          Local Similarity
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Haeberli, Peter
Chowrira, Bharat
                  McSwiggen, James
Haeberli, Peter
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Pred. No. 2.9e+02;
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Pred. No. 2.9e+02;
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PRICIO PILLING DATS: 2002-06-20
PRICO APPLICATION MORBER: US 60/363,124
PRICO PILLING DATS: 2002-03-11
PRICO APPLICATION MORBER: US 60/364,782
PRICO PILLING DATS: 2002-07-03
PRICO PILLING DATS: 2002-07-03
PRICO APPLICATION MORBER: US 60/393,348
PRICO APPLICATION MORBER: US 60/466,784
PRICO APPLICATION MORBER: US 60/466,784
PRICO APPLICATION MORBER: US 60/466,784
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CTRENST APPLICATION TOWNER: US/10/861.060
CURRENT PILING DATE: 2004-06-03
PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR APPLICATION NUMBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR APPLICATION INVERS: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION INVERS: US 10/693,059
PRIOR PILING DATE: 2003-10-23
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                                                                                                                                    TITLS OF INVENTION: RNA Interference Mediated Treatment of TITLS OF INVENTION: Short Interfering Nucleic Acid (sina) File REFERENCE: 400/137 (MBHE05-199-A).
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APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
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PRIOR FILING DATE: 2004-04-30
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PRIOR APPLICATION NUMBER: US 10/757,803
                       CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
PRIOR APPLICATION INVERBE: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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US-10-698-311-303/c
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SEQ ID NO 302
LENGTH: 21
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Best Local Similarity
                                       PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR EPILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
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CURRENT FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
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PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
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PRIOR FILING DATE: 2002-09-09
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LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: niec feature
LOANTION: (21)-.(21)
OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: 5'-3 attached terminal deoxyabasic most;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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PatentIn version 3.2
                        SEQ ID NOS: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Chowrira,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Haeberli, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Pred. No. 2
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                                            PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 304
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
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Publication No. US20040219671A1
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION: Short Interfering Nucleic Acid (sina)
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                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/440,129
                                                                                                                                                                 PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
                                                                                                                                                                                                                                                               PRIOR FILING DATE: 2002-08-29
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TYPE: RNA
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                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 2002-07-03
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Haeberli, Peter
Chowrira, Bharat
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OTHER INFORMATION: Description of Artificial Sequence: sinA sense region

FEATURE: OTHER INFORMATION: Des PEATURE: NAME/KEY: misc\_feature

ORGANISM: Artificial Sequence

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; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: n stands for thymidine
US-10-698-311-304
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                                                                                                                                                                                                                                                                                                    Sequence 305, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION:
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                                                                                                                  APACLONY: Kedudgen, Zumm
APACLONY: Observit. Sheet
APACLONY: Observit. Sheet
APACLONY: Observit. Sheet
TITLE OF INMETION: SAN Interference Mediated Treatment of Parkinson Disease Unity
TITLE OF INMETION: Sheet Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
                                                                                                                                                                                                                       APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Habberli Peter
APPLICANT: Chowrira, Bharat
                     PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
                                                           PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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LOCATION: (7)..(8)
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LOCATION: (6)..(6)
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LOCATION: (20)..(20)
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LOCATION: (14)..(19)
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LOCATION: (12)..(13)
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LOCATION: (10)..(11)
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LOCATION: (9)..(9)
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FILING DATE: 2002-03-11
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Pred. No. 2.6e+02;
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                                      , OTHER INFORMATION: 3'-3
US-10-698-311-305
    Query Match
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NAME/KEY: misc\_feature LOCATION: (21)..(21) OTHER INFORMATION: n stands NAME/KEY: misc\_feature LOCATION: (20)..(21)

1.1%; Score 17.4; DB 1; Length 21 attached terminal glyceryl moesty for thymidin

FEATURE: PEATURE

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SEQ ID NO 305
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PRIOR PILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 310
SOFTWARE: Patentin version 3.2
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
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                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (17)..(17)
OTHER INFORMATION: 2'-0-Methyl
                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (15)..(16)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Artificial Sequence
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                                                            OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                              FEATURE:
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NAME/KEY: misc_feature
LOCATION: (14)..(14)
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LOCATION: (11)..(11)
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                           NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                                                                                    NAME/KEY: misc_feature
LOCATION: (18)..(19)
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                                                                     EATURE
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APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
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FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 60/386,782
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US-10-698-311-307/c
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PRICER PEPILORUTION NOMBER: PC7/USD3/SC03
PRICER PEPILORUTION NOMBER: US 60/358,500
PRICER PEPILORUTION NOMBER: US 60/358,702
PRICER PEPILORUTION NOMBER: US 60/358,702
PRICER PEPILORUTION NOMBER: US 60/358,702
PRICER PEPILORUTION NOMBER: US 60/358,703
PRICER PETILORUTION NOMBER: US 60/359,706
PRICER PETILORUTION NOMBER: US 30/359,346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 310
SOFTWARE: PatentIn version 3.2
SEQ ID NO 307
LENGTH: 21
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Publication No. US20040219671A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 66/406/784
PRIOR PRICHE DATE: 2002-98-29
PRIOR PRILTED DATE: 2002-99-05
PRIOR PRILTED DATE: 2002-99-05
PRIOR APPLICATION NUMBER: US 60/409,283
PRIOR APPLICATION NUMBER: US 60/409,283
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR APPLICATION NUMBER: US 60/440,129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2003-01-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2002-07-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Haeberli,
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                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (15)..(16)
OTHER INFORMATION: 2'-0-Methyl or 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KBY: misc_feature
LOCATION: (9). [10)
OTHER INFORMATION: 2'-0-Methyl or 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence 
FEATURE:
NAME/KEY: misc_feature
LOCATION: (20)..(20)
                                                       FEATURE
                                                                                   OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluore
                                                                                                          NAME/KEY: misc feature
LOCATION: (18)..(19)
                                                                                                                                                                       FEATURE
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LOCATION: (1)..(6)
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LENGTH: 21
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NAME/KEY: misc\_feature LOCATION: (1)..(2) OTHER INFORMATION: 3'-3 NAME/KEY: misc feature OTHER INFORMATION: 5'-3 NAME/KEY: misc\_feature FEATURE:

LOCATION: (21)

. (21)

attached terminal deoxyabasic mosity attached terminal deoxyabasic mosity FEATURE: OTHER INFORMATION: Description of Artificial Sequence:

sina sense region

ORGANISM: Artificial Sequence

TYPE: RNA

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US-10-698-311-308
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GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 400/137 (MBHB03-198-A)
CURRENT APPLICATION NUMBER: US/10/698,311
CURRENT FILING DATE: 2003-10-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: McSeiggen, James
APPLICANT: McSeiggen, James
APPLICANT: Chowrita, Bharat
TITLE OF INVESTION: Short Interfering Modiated Teatment of Parkinson Disease Uning
TITLE OF INVESTION: Short Interfering Nucleic Acid (siNA)
NUMBER OF SEQ ID NOS: 310
                                                                PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
                   PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
                                                                                                                  PRIOR FILING DATE: 2002-09-05
                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/408,378
                                                                                                                                                                                                                      PRIOR FILING DATE: 2002-07-29
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PRIOR APPLICATION NUMBER: 60/399,348
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                                                                                                                                                                                             APPLICATION NUMBER: US 60/406,784
                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/393,796
                                                                                                                                                                    FILING DATE:
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US-10-698-311-308
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PRIOR FILMU MUREER: 2003-02-2, 198
PRIOR APPLICATION NUMBER: US 60/358.580
PRIOR FILMU MUREER: 002-02-0
PRIOR FILMU MUREE: 002-02-10
PRIOR PRIOR FILMU MUREE: 002-04-10
PRIOR MURICATION NUMBER: US 60/363,124
PRIOR MURICATION NUMBER: US 60/363,782
PRIOR PRIINCUTTON NUMBER: US 60/366,782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 309, Application US/10698311
Publication No. US20040219671A1
GENERAL INFORMATION
APPLICANT: Sirms Therappeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 1.1%;
Best Local Similarity 84.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF IMPORTION: NAN Interference Mediated Treatment of Parkinson Disease Using TITLE OF IMPORTION: Note: Interfering Worldic Acid (sINA) FILE REFERENCE: 401/137 (MRHH01:189-14) CREATE ACID (SING) MARKET (SING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
APPLICANT: Chowrira, Bharat
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LOCATION: (10)..(11)
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LOCATION: (7)..(8)
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OTHER INFORMATION: 2'-deoxy
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LOCATION: (20)...(21)
OTHER INFORMATION: n stands for thymidine
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LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (9)...(9)
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LOCATION: (6)..(6)
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LOCATION: (14)..(19)
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                                       APPLICATION NUMBER: US 60/393,796
FILING DATE: 2002-07-03
APPLICATION
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Pred. No. 2.6e+02;
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APPLICANT: Sirna Therapeutics,
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Publication No. US20040219671A1
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                                                                                      APPLICANT: McSwiggen, James
APPLICANT: Haeberli, Peter
               PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
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US-10-698-311-309
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 309
                                   Query Match
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PRIOR FILING DATE: 2003-01-15
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PRIOR FILING DATE: 2002-09-09
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PRIOR FILING DATE: 2002-09-05
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                                                                                                         LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
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LOCATION: (21)..(21)
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LOCATION: (1)..(1)
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                                                                                                                                                                                        COUNTION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
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LOCATION: (3)..(3)
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OTHER INFORMATION: 2'-deoxy-2'-fluoro
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             y Match 1.1%; Score 17.4; DB 1; Length 21; Local Similarity 84.2%; Pred. No. 2.6e+02;
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APPLICATION NUMBER: US 60/406,784
FILING DATE: 2002-08-29
Conservative
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    Mismatches
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FILING DATE:

2002-02-20

US-10-698-311-310

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SOFTWARE: Pat
SEQ ID NO 310
LENGTH: 21
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PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-00-00
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                                                                                  OTHER INFORMATION: n stands
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OTHER INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
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PRIOR FILING DATE: 2002-07-29
                                                                                                            NAME/KEY: misc_feature
LOCATION: (20)..(21)
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                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (18)..(19)
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LOCATION: (17)..(17)
OTHER INFORMATION: 2'-deoxy
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LOCATION: (12)..(13)
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OTHER INFORMATION: 3'-3 attached terminal glyceryl moeity
                     NAME/KEY: misc_feature
LOCATION: (21) ...(21)
                                                                     FEATURE:
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LOCATION: (15)..(16)
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LOCATION: (14)..(14)
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LOCATION: (11)..(11)
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LOCATION: (9)..(10)
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LOCATION: (7)..(8)
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ORGANISM: Artificial Sequence
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APPLICATION NUMBER: US 60/386,782
FILING DATE: 2002-06-06
APPLICATION NUMBER: US 60/393,796
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                                                                                  for thymidine
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; OTHER INFORMATION: n stands for thymidine
US-10-861-060-362
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        Matches
                                                                                      Query Match
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                                                   Best Local Similarity
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Publication No. US20050137155A1
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Best Local Similarity
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SOFTMARE: PatentIn version 3.3
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PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 10/698311
PRIOR PILING DATE: 2003-10-31
PRIOR PILING DATE: 2003-10-31
PRIOR PEPLICATION NUMBER: PCT/US04/13456
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCT/US03/0534
PRIOR FILING DATE: 2003-02-20
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APPLICANT: Chordre, Beart
1712 of PINSTICE: Bear Interference Mediated Treatment of Farkinson Disease Vsing
1712 of PINSTICE: Box Interference Mediated Add (sIAA)
1712 of PINSTICE: AND NORMERS 1951 OF STATE BEARING AND ADDRESS 1951 OF STATE BEARING AND NORMERS 1951 OF STATE BEARING 1951 OF STATE BEARING AND NORMERS 1951 OF STATE BEARING 1951 OF STATE BEARING AND NORMERS 1951 OF STATE BEARING 1951 OF STATE BEARING AND NORMERS 1951 OF STATE BEARING AND NORMERS 1951 OF STATE BEARING AND NORMERS 1951 OF STATE BEARING AND N
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PRIOR APPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/698,311
PRIOR FILING DATE: 2003-10-31
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PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
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LOCATION: (20)..(21)
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LOCATION: (21)..(21)
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        Conservative
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                                           1.1%; Score 17.4; DB 1; Length 21; 84.2%; Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                   attached terminal deoxyabasic moeity
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        2; Mismatches
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Pred. No. 2.6e+02;
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RESULT 692
US-10-861-060-364
, Sequence 364, Application US/10861060
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                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374 SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
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PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/826,966
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PRIOR FILING DATE: 2003-10-31
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LOCATION: (21)..(21)
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LOCATION: (20)..(21)
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LOCATION: (20)..(20)
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                                                                                                                                                                                                                                          Local Similarity
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FILING DATE: 2003-02-20
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APPLICATION NUMBER: PCT/US04/13456
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Pred. No. 2.6e+02;
0; Mismatches 1; Indels
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Poblication to, USG0050317555A1
GERBAL URROBATION
APPLICANT, Strat Therapeuties, Inc.
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APPLICANT Hasberli, Peter
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TILL REFERENCE, SOCIAL SEMBLE-172-1A
TILL REFERENCE, SOCIAL SEMBLE-172-1A
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PERCON ADPLICATION NUMBER: US 10/658,311
PERCON EPILINE DARES 2003-10-31
PERCON EPILINE DARES 2003-10-31
PERCON ADPLICATION NUMBER: US 10/757,803
PERCON ADPLICATION NUMBER: US 10/757,803
PERCON FLUND DATE: 2004-01-34 10/757,403
PERCON APPLICATION NUMBER: US 10/750,448

PRICE APPLICATION KNOBER: US 10/720,446
PRICE REPLICATION KNOBER: US 10/653,059
PRICE REPLICATION KNOBER: US 10/653,059
PRICE REPLICATION KNOBER: US 10/644,853
PRICE REPLICATION KNOBER: US 10/444,853
PRICE REPLICATION KNOBER: US 10/643,059
PRICE REPLICATION KNOBER: US 10/803/65346
PRICE REPLICATION KNOBER: US 10/803/65346

mick ELLM DATE, 2003-55-23

FRICK PELLW DATE, 2003-55-23

FRICK PELLW DATE, 2003-55-24

FRICK PELLW DATE, 2003-55-27

FRICK PELLW DATE, 2004-55-27

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PRIOR FILING DATE: Z004-04-30 Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 374 SOFTWARE: Patentin version 3.3

SOFTWARE: PatentIn version 3.3 SEQ ID NO 364 LENGTH: 21

TYPE: RNA ORGANISM: Artificial Sequence

FEMTURE: OTHER INFORMATION: Description of Artificial Sequence: sink sense region FEATURE:

NAME/KEY: misc\_feature LOCATION: (1)...(2) OTHER INFORMATION: 2'-O-Methyl PEATTIER:

PEATURE:
NAME/KEY: misc\_feature
LOCATION: (3)...(3)
OTHER THROHANTION: 2'-decxy-2'-f]

LOCATION: (3)...(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FEATURE:
NAME/KEY: misc\_feature

NAME/KEY: misc\_feature
LOCATION: (4)...[5]
OTHER INFORMATION: 2'-O-Methyl
PEATURE:
NAME/KEY: misc\_feature
LOCATION: (6)...[6]
OTHER INFORMATION: 2'-deoxy-2'-f

OCONTION: (6). 7(6)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FRATURE:
NAME/KEY: ninc feature
OCONTION: (7). (8)
OTHER INFORMATION: 2'-0-Methyl

NAME/KEY: misc\_feature LOCATION: (9)..(9) OTHER INFORMATION: 2'-deoxy-2'-fluoro FEATURE: NAME/KEY: misc\_feature LOCATION: (10)..(11)

LOCATION: (10)..(11)
COTHER INFORMATION: 2'-O-Methyl
PRATURE:
RAME/KET: misc\_feature
LOCATION: (12)..(13)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
FRATURE:

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US-10-861-060-365/c
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PRIOR APPLICATION INMERE: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR PILING DATE: 2004-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: BAN Interference Mediated Treatment of Parkinson Disease Using TITLE OF INVENTION; Short Interfering Modelst Acid (sike)
TITLE REFERENCE: 401/16 (Me8804-172-4)
CURBENT INPLICATION NUMBERS: 140/10/61,060
CURBENT INLING DATE: 2004-06-03
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Publication No. US20050137155A1
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Best Local Similarity 84.2%;
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NUMBER OF SEQ ID NOS: 374
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PRIOR APPLICATION NUMBER: PCT/US03/05028
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PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: PCI/US03/05346
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PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR APPLICATION NUMBER: US 10/720,448
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PRIOR APPLICATION NUMBER: US 10/757,803
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PRIOR APPLICATION NUMBER: US 10/826,966
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OTHER INFORMATION: 2'-O-Methy:
                        NAME/KEY: misc_feature
LOCATION: (7)..(8)
                                                                         FEATURE:
                                                                                             OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                     FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(6)
                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:
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                                                                                                                                                                                                                                                                                             LENGTH: 21
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LOCATION: (20)..(21)
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LOCATION: (20)..(20)
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Pred. No. 2.
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APPLICANT: Masherii, Peter

APPLICANT: Masherii, Peter

APPLICANT: Masherii, Peter

APPLICANT: Charlest and Arceference Mediated Treatment of Pate 17112 OF 1720 Peter 18 Arceference Mediated Cold (81AA)

1112 ENTERORMEN: MONTH APPLICATION MEMBERS: US/AD4841.060

CURRENT PAPPLICATION MEMBERS: US/AD4841.060

CURRENT PAPPLICATION MEMBERS: US/AD486.964

PRIOR PAPPLICATION MEMBERS: US/AD486.966

PRIOR PETLONG DATE: 2004-04-15

PRIOR PETLONG DATE: 2004-04-15

PRIOR PETLONG DATE: 2004-04-15

PRIOR PETLONG DATE: 2004-04-16

PRIOR PETLONG DATE:

FILING DATE:

US-10-861-060-367/c

0

Sequence 367, Application US/10861060 Publication No. US20050137155A1 GENERAL INFORMATION: APPLICANT: Sirna Therapeutics, Inc.

APPLICANT:

McSwiggen, James

Parkinson

Disease Using

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US-10-861-060-365
                                                                            Matches
                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                         OTHER INFORMATION: 3'-3 attached terminal glycaryl mosity
                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                      PEATURE
                                                                                                                                                                                                                                                      OTHER INFORMATION: n stands for thymidin
                                                                                                                                                                                                                                                                              NAME/KEY: misc feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                   FEATURE
                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (18)..(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-O-Methyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (14)..(14)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (12)..(13)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (11)..(11)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (9)..(10)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PEATURE
                                    202 GGCAACAGTGGCTGAGAAG 220
19 GGCAACAATGGCTGAGAAG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (17)
                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                           (20)
                                                                                            1.1%;
                                                                                            Pred. No. 2.6e+02;
                                                                            Mismatches
                                                                                                                 Length 21
                                                                            Indels
                                                                        0
                                                                        Gaps
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US-10-861-060-367
                                                                                                                                           US-10-861-060-368
                                                                                                                                                                RESULT 695
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SEQ ID NO 367
LENGIH: 21
                                                     Sequence 368, Application US/10861060
Publication No. US2005013715A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed - See File Wrapper or PALM
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PRIOR APPLICATION NUMBER: PCT/US04/13456
PRIOR FILING DATE: 2004-04-30
                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (21). (21)
OTHER INFORMATION: 3'-3 attached terminal glyceryl moeity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: sinh antisense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Artificial Sequence
                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
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OTHER INFORMATION: 2'-0-Methyl or 2'-deoxy-2'-fluoro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (15)..(16)
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LOCATION: (12)..(13)
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LOCATION: (1)...(6)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (20)..(21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      THER INFORMATION: Phosphorothicate 3'-Internuclectide Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 2'-O-Methyl or 2'-deoxy-2'-fluore
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FILING DATE: 2003-02-20
APPLICATION NUMBER: PCT/US03/05028
FILING DATE: 2003-02-20
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                                                                                                                                                                                                                                                              202 GGCAACAGTGGCTGAGAAG 220
                                                                                                                                                                                                                     19 GGCAACAATGGCTGAGAAG 1
                                                                                                                                                                                                                                                                                                       18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (9)
Chowrira, Bharat
                    McSwiggen, James
Haeberli, Peter
                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                            94.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            for thymidine
                                                                                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                                                                                                            Pred. No. 2.
                                                                                                                                                                                                                                                                                                           Mismatches
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                                                                                                                                                                                                                                                                                                                                                DB 1; Length 21
                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                                               0
                        NAME/KEY: misc_feature
                                                     FEATURE:
                                                                     NAME/KEY: misc_feature
LOCATION: (6)..(6)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                   PEATURE:
                                                                                                                                                   DOCATION: (3)..(3)
OTHER INFORMATION: 2'-deoxy-2'-fluoro
                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (3)..(3)
                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                                                                                 COCATION: (14)..(19)
OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (14)..(19)
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            LOCATION: (9) .. (9)
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SOPTWARE: PatentIn version 3.3
SEQ ID NO 368
LENGTH: 21
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TITLE OF INVENTION: Short Interfering Notatio Acid (SIAW)
TITLE REFERENCE: 60(524) Member-1972AD
FILE REFERENCE: 60(524) Member-1972AD
CHREST PARLICATION MOMERS: MS/10/861,060
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PRIOR ETILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR PILING DATE: 2004-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/U803/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/U803/05028
PRIOR FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 374
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PRIOR FILING DATE: 2003-10-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2003-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 10/693,059
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PRIOR FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 10/720,448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RIOR FILING DATE: 2003-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 5'-3 attached terminal deoxyabasic mosity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (1)..(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
                                                                                                  NAME/KEY: misc_feature
LOCATION: (7)..(8)
OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 3'-3 attached terminal deoxyabasic mosity
OTHER INFORMATION: 2'-deoxy
                           NAME/KEY: misc_feature
LOCATION: (10)..(11)
                                                                            PEATURE
                                                                                                                                                                                                          OTHER INFORMATION: 2'-deoxy
                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (4)..(5)
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deox)
                                                                                                                                                                                                                                                                                                                                                   OCATION:
                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          (21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          siNA sense region
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OTHER INFORMATION: 2'-deoxy-2'-fluoro

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TILE REFERENCE: 400/162 (MIRIEMO-1727-X)

COMMENT PATILOTED ROWSER: US/10/641.00

PRICES REFLICATION NAMES: US/10/641.00

PRIC
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Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION WINBER: US 10/698311
PRIOR FILING DATE: 2003-10-31
PRIOR APPLICATION NUMBER: POT/US04/13456
PRIOR FILING DATE: 2004-04-3
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APPLICOMT: Chowitz, Bhant
ITTES OF PMENTION: RAA Interference Mediated Treatment of Parkinson Disease
ITTES OF IMPENTION: Bort: Interfering Nucleic Acid (skb)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: McSwiggen, James
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                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (21)..(21)
                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 5'-3
                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: sinh sense region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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LOCATION: (20)..(21)
OTHER INFORMATION: n stands for thymidine
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LOCATION: (12)..(13)
CTHER_INFORMATION: 2'-deoxy-2'-fluoro
NAME/KEY: misc_feature
                                                                       FEATURE
                                                                                                                      OTHER INFORMATION: 3'-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GGCAACAAUGGCUGAGAAG 19
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                                                                                                          attached terminal deoxyabasic moeity
                                                                                                                                                                                                                                                                                                                                           attached terminal deoxyabasic moeity
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .66+02
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                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 10/598111
PRIOR FILING DATE: 2001-10.1
PRIOR
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NPPLICANT: Chowriza, Bharat TITLE OF INVENTION: Short Interfering Nucleic Acid (giNA) FILE REFERENCE: 400/162 (MBHB04-372-A)

Parkinson Disease Using

APPLICANT: Haeberli, Peter

McSwiggen, James

APPLICANT:

PRIOR APPLICATION NUMBER: US 10/698,311 PRIOR FILING DATE: 2003-10-31

PRIOR APPLICATION NUMBER: PCT/US03/05346
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: PCT/US03/05028
PRIOR FILING DATE: 2003-02-20 PRIOR REPLICATION NUMBER: US 10/720,448
PRIOR FILING DATE: 2003-11-24
PRIOR REPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2003-10-23
PRIOR REPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23 PRIOR APPLICATION NUMBER: US 10/826,966
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 10/757,803
PRIOR FILING DATE: 2004-01-14 CURRENT APPLICATION NUMBER: US/10/861,060 CURRENT FILING DATE: 2004-06-03

PEATURE: OTHER INFORMATION: Description of Artificial Sequence: sink antisense region

See File Wrapper or PALA

ORGANISM: Artificial Sequence

TYPE: RNA

FEATURE

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US-10-861-060-370/c
                                                                                                                                                                                                                                                                                                    US-10-861-060-369
                                     Sequence 370, Application US/10861060
Publication No. US20050137155A1
                                                                                                                                                                                                                                                           Query Match
APPLICANT: Sirna Therapeutics,
                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (20) ...(21)
OTHER INFORMATION: n stands for thymidine
                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 2'-deoxy-2'-fluore
                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 2'-deoxy-2'-fluoro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (3)..(3)
                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                   202 GGCAACAGTGGCTGAGAAG 220
                                                                                                                                                  1 GGCAACAAUGGCUGAGAAG 19
                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                             . (13)
                                                                                                                                                                                                                                        1.1%; Score 17.4; DB 1; Length 21;
84.2%; Fred. No. 2.6e+02;
                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                         Indels
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RESULT 698
US-10-991-286A-22/c
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                                                                                                                                 Sequence 20 Tableston MS/091286A
Behiteston Ms George Stateston
George Limbonarion
AFRICANT Descriptor David J
AFRICANT Descriptor David J
AFRICANT Macrosco DAVID MACROSCO
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FEATURE:
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LOCATION: (1)..(6)
CURRENT APPLICATION NUMBER: US/10/991,286A
CURRENT FILING DATE: 2004-11-17
PRIOR APPLICATION NUMBER: PCT/US2004/18271
PRIOR FILING DATE: 2004-06-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-deoxy-2'Fluoro
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LOCATION: (11)..(11)
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NAME/KEY: misc_feature
LOCATION: (21) (21)
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NAME/KEY: misc_feature
LOCATION: (20)..(21)
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LOCATION: (18)..(19)
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LOCATION: (17)..(17)
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LOCATION: (15)..(16)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 17.4; DB 1; Length 21;
pred. No. 2.6e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-367-438-204/c
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LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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PRIOR APPLICATION NUMBER: US 60/476,947
PRIOR FILING DATE: 2003-66-99
NUMBER OF EGG ID NOS: 51
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                           NAME/KEY: misc_feature
                                                                                                                                                               OTHER INFORMATION: Primer
                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
LOCATION:
              FEATURE:
NAME/KEY: misc_feature
                                                                 OTHER INFORMATION: n = 2'-O-Me-uridine modification
                                                                                             CCALTON
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OTHER INFORMATION: n = deoxythimidine phosphorothicate modification OTHER INFORMATION: n = dT= OTHER INFORMATION: n = 2'-0-Me-uridine phosphorothicate modification LOCATION: 21 NAME/KEY: misc feature LOCATION: 20 NAME/KEY: misc\_feature deoxythymidine

Query Match 1.3
Best Local Similarity 100
Matches 17; Conservative 451 CTACGAACCTGAAGCCT 467 1.1%; Score 17; DB 1; 100.0%; Pred. No. 2.9e+0 0, Mismatches 2.96+02 Length 21 Indels 0 Gaps

0

Sequence 204, Application US/10367438 Publication No. US20030180773A1 GENERAL INFORMATION: APPLICANT: COHEN, Daniel

TITLE OF INVENTION: Biallelic markers for use in TCHOUMAKOV, Ilia

NUMBER OF SEQUENCES: 336 CORRESPONDENCE ADDRESS: constructing a high density disequilibrium map of the human genome.

ZIP: 92101 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy Disk COMPUTER: IBM PC compatible OPERATING SYSTEM: Win95 COUNTRY: USA STATE: California CITY: San Diego STREET: 550 West C Street ADDRESSEE: Knobbe, Martens, Olson & Bear

FILING DATE: 14-Jan-2000 INFORMATION FOR SEQ ID NO: 204: SEQUENCE CHARACTERISTICS: PRIOR APPLICATION DATA: APPLICATION NUMBER: US/10/367,438 APPLICATION NUMBER: US/09/463,0752

SOFTWARE:

Word

LENGTH: 19 base pairs TYPE: NUCLEIC ACID STRANDEDNESS: SINGLE IOPOLOGY: LINEAR

18 GTGCAAGACTGAAGAAGG 1

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US-10-108-260A-5221
                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-108-260A-5221/c
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                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/108.260A
CURRENT FILING BATE: 2002-03-27
NUMBER OF SEQ ID NOS: 5458
90FWARE: PACENTIN Ver. 2.1
SEQ ID NO 5221
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
                                                       Matches
                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5221, Application US/10108260A
Publication No. US20040005560A1
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Patent No. US20020099015A1
                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: H1-A0106
                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: NO.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRILE REFERENCE: 896034605001
CURRENT APPLICATION NUMBER: US/09/966,264
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US 60/237,079
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NUMBER OF SEQ ID NOS: 33
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TITLE OF INVENTION: Gene Expression Control Blement DNA
                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized
                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                      TYPE: DNA
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                                                       Local Similarity
les 16; Conserv
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tes 17, Conserv
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346 GGGCAAGAATGAAGAAGG 363
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                                                       Conservative
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89.5%; Pred. No. 4.2e+02;
                                                                     88.9%;
                                                                  1.0%; Score 14.8; DB 1; Length 18
88.9%; Pred. No. 5.4e+02;
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                                                       0; Mismatches
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                                 Matches
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US-10-349-143-6082
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Publication No.
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                                                          Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/925,388
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/306,595
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Publication No. US20040005584A1
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NUMBER OF SEQ ID NOS: 43
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TITLE OF INVENTION: ISOPRENOID PRODUCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: HOSHINO, Tatsuo
APPLICANT: OJIMA, Kazuyuki
APPLICANT: SETOGUCHI, Yutaka
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PRICES FLIND CARE: 1,939-10-20

PRICES FLIND CARE: 1,939-10-20

PRICES FLIND CARE: 1,939-10-20

PRICES PRICES FLIND CARE: 1,939-10-20

PRICES PRICES FLIND CARE: 1,939-11-21

PRICES FLIND CARE: 1,938-11-20

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CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
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PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Sense primer OTHER INFORMATION: for cloning of 5'-adjacent region of MVK gene
                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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LOCATION: 1..18
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Chumakov, Ilya
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0.9%; Score 14.4; DB 1; Length 18
93.8%; Pred. No. 5.9e+02;
tive 0; Mismatches 1; Indels
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0; Mismatches
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5.48+02;
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Search completed: October 12, 2005, 14:19:42 Job time : 16 secs

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